



Taxonomic paper

Brazilian Trichoptera Checklist II

Henrique Paprocki[†], Diogo França[†]

[†] Pontifícia Universidade Católica de Minas Gerais, Museu de Ciências Naturais, Coleção de Invertebrados. Av. Dom José Gaspar, 290, sala 104, Coração Eucarístico, CEP 30535-901, Belo Horizonte, Minas Gerais, Brazil, Belo Horizonte, Brazil

Corresponding author: Henrique Paprocki (paprocki@pucminas.br), Diogo França (diogofransa@pucminas.br)

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Abstract

A second assessment of Brazilian Trichoptera species records is presented here. A total of 625 species were recorded for Brazil. This represents an increase of 65.34% new species recorded during the last decade. The Hydropsychidae (124 spp.), followed by the Hydroptilidae (102 spp.) and Polycentropodidae (97 spp.), are the families with the greatest richness recorded for Brazil. The knowledge on Trichoptera biodiversity in Brazil is geographically unequal. The majority of the species is recorded for the southeastern region.

Keywords

Biodiversity, aquatic insects, Trichoptera, caddisflies, inventory, checklist, Brazil

Introduction

Biodiversity data should be made widely available online to better inform conservation of natural resources and advancement of natural sciences. Meta-analysis in molecular biology and others areas is currently a major source for understanding complex biological systems (Emerson et al. 2011, Vos et al. 2014). Checklists of animal and plants species and their distribution are one of the most useful sources of information in conservation,

biodiversity studies, and environmental licensing. Checklists are used by scientists for registering new species records and descriptions, to predict species distribution, to compare environments, and to monitor environmental impacts. As the climate changes, biodiversity data will be very important to understand the adaptation of biological communities to these changes. Conservationists can better predict impact outcomes and propose better conservation plans when checklists are available (Fonseca and Benson 2003).

The first Brazilian Trichoptera checklist was published by Paprocki et al. 2004 and registered 378 species. At that time, the number of people working on Brazilian caddisfly taxonomy could be counted in one hand and almost all of them resided outside of Brazil (e.g. Blahnik, R.J., Flint, O.S., Holzenthal, R.W.) Currently, the number of Trichoptera taxonomists with a Ph.D working and residing in Brazil has increased, but is still low (e.g. Calor, A.R., Dumas, L.L., Nessimian, J.L., Pes, A.M.O., Santos, A.P.M, Takiya, D.M.). More comprehensive checklists with detailed distribution of species would be even more useful in biodiversity analysis and decision making.

The second checklist of Brazilian Trichoptera is presented here with the addition of a historical account of the growth of knowledge on caddisflies in Brazil. This example can be used to understand how growth of an area of study benefits from cooperation and investment.

Materials and methods

To update the checklist we consulted the “Plataforma Lattes, base de dados de currículos do Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq), Ministério da Ciência, Tecnologia e Inovação – Brazil”, available in <http://lattes.cnpq.br/>, which is a federal database of scientists in Brazil. The researchers searched for the keywords Trichoptera, caddisflies, and caddisfly. Searches were concluded in September, 2014.

The search for compiling the Brazilian Trichoptera Checklist was performed on the following databases. The “*Web of Science*” was searched for Trichoptera and Brazil. All results from this search were examined. The other databases searched were “*The Trichoptera World Checklist*”, maintained by Dr. John C. Morse, Clemson University, USA; “*Brazilian Caddisflies: Checklist and Bibliography*”, maintained by Dr. Jorge L. Nessimian research team, Universidade Federal do Rio de Janeiro, Brazil; and “*Index to Organism Names*”, maintained by Thomson Reuters.

The acronyms used for Brazilian states are as listed: AC (Acre), AL (Alagoas), AM (Amazonas), AP (Amapá), BA (Bahia), CE (Ceará), DF (Distrito Federal), ES (Espírito Santo), GO (Goiás), MA (Maranhão), MG (Minas Gerais), MT (Mato Grosso), MS (Mato Grosso do Sul), PA (Pará), PB (Paraíba), PE (Pernambuco), PI (Piauí), PR (Paraná), RJ (Rio de Janeiro), RN (Rio Grande do Norte), RO (Rondônia), RR (Roraima), RS (Rio Grande do Sul), SC (Santa Catarina), SE (Sergipe), SP (São Paulo), TO (Tocantins). Brazil is divided in political regions as following: North (AC, AM, AP, PA, RO, RR, TO), Northeast

(AL, BA, CE, MA, PB, PE, PI, RN, SE), Southeast (ES, MG, RJ, SP), Midwest (DF, GO, MS, MT) and South (PR, SC, RS).

State names presented in bold letters indicate a new state record from literature.

Anomalopsychidae

Genus *Contulma* Flint, 1969

Notes: Flint Jr 1969a, Holzenthal and Flint Jr 1995

***Contulma fluminensis* Holzenthal & Robertson, 2006**

Distribution: Rio de Janeiro

Notes: Holzenthal and Robertson 2006

***Contulma meloi* Holzenthal & Robertson, 2006**

Distribution: Sao Paulo

Notes: Holzenthal and Robertson 2006

***Contulma sana* Jardim & Nessimian, 2011**

Distribution: Rio de Janeiro

Notes: Jardim and Nessimian 2011

***Contulma tijuca* Holzenthal & Flint, 1995**

Distribution: Rio de Janeiro

Notes: Holzenthal and Flint Jr 1995

***Contulma tripui* Holzenthal & Robertson, 2006**

Distribution: Minas Gerais

Notes: Holzenthal and Robertson 2006

Atriplectididae

Genus *Neotriplectides* Holzenthal, 1997

Notes: Holzenthal 1997

Neotriplectides desiderata Dumas & Nessimian, 2008

Distribution: **Minas Gerais, Rio de Janeiro, Sao Paulo**

Notes: Dumas and Nessimian 2008, Dumas and Nessimian 2012

Calamoceratidae

Genus *Phylloicus* Müller, 1880

Notes: Müller 1880, Prather 2003

Phylloicus abdominalis (Ulmer), 1905

Distribution: **Bahia, Ceara, Minas Gerais, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo**

Notes: Ulmer 1905a, Prather 2003, Huamantico et al. 2005, Quinteiro et al. 2014

Phylloicus amazonas Prather, 2003

Distribution: Amazonas

Notes: Prather 2003

Phylloicus angustior Ulmer, 1905

Distribution: **Goiás, Minas Gerais, Parana, Rio Grande do Sul, Santa Catarina, Sao Paulo**

Notes: Ulmer 1905b, Prather 2003, Calor 2011

Phylloicus auratus Prather, 2003

Distribution: Amazonas

Notes: Prather 2003

***Phylloicus bertioga* Prather, 2003**

Distribution: Sao Paulo

Notes: Prather 2003

***Phylloicus bidigitatus* Prather, 2003**

Distribution: Bahia, Ceara, Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Prather 2003, Calor 2011, Quinteiro et al. 2014

***Phylloicus bromeliarum* Müller, 1880**

Distribution: Santa Catarina, Sao Paulo

Notes: Müller 1880, Prather 2003

***Phylloicus brevior* Banks, 1915**

Distribution: Parana, Rondonia

Notes: Banks 1915, Prather 2003

***Phylloicus camargoi* Quinteiro & Calor, 2011**

Distribution: Sao Paulo

Notes: Quinteiro et al. 2011

***Phylloicus dumasi* Santos & Nessimian, 2010**

Distribution: Amazonas

Notes: Santos and Nessimian 2010b

***Phylloicus elektoros* Prather, 2003**

Distribution: Amazonas

Notes: Prather 2003

***Phylloicus fenestratus* Flint, 1974**

Distribution: Amazonas, Paraiba, Parana, Rondonia, Roraima

Notes: Flint Jr 1974a, Prather 2003

***Phylloicus flinti* Prather, 2003**

Distribution: Rondonia

Notes: Prather 2003

***Phylloicus major* Müller, 1880**

Distribution: Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Müller 1880, Prather 2003

***Phylloicus monneorum* Dumas & Nessimian, 2010**

Distribution: Bahia, Rio de Janeiro

Notes: Dumas and Nessimian 2010b, Quinteiro et al. 2014

***Phylloicus obliquus* Navás, 1931**

Distribution: Bahia, Ceara, Minas Gerais, Rio de Janeiro, Santa Catarina

Notes: Navás 1931, Prather 2003, Quinteiro et al. 2014

***Phylloicus paprockii* Prather, 2003**

Distribution: Bahia, Minas Gerais

Notes: Prather 2003

***Phylloicus plaumanni* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a, Prather 2003

***Phylloicus quadridigitatus* Prather, 2003**

Distribution: Sao Paulo

Notes: Prather 2003

***Phylloicus yolandae* Prather, 2003**

Distribution: Parana

Notes: Prather 2003

Ecnomidae

Genus *Austrotinodes* Schmid, 1955

Notes: Schmid 1955, Flint Jr 1973, Flint Jr and Denning 1989

***Austrotinodes abrachium* Thomson & Holzenthal, 2010**

Distribution: Minas Gerais

Notes: Thomson and Holzenthal 2010

***Austrotinodes amazonensis* Flint & Denning, 1989**

Distribution: Amazonas

Notes: Flint Jr and Denning 1989

***Austrotinodes ariasi* Flint & Denning, 1989**

Distribution: Amazonas, Para

Notes: Flint Jr and Denning 1989, Dumas et al. 2010

***Austrotinodes belchioris* Thomson & Holzenthal, 2010**

Distribution: Minas Gerais

Notes: Thomson and Holzenthal 2010

***Austrotinodes bracteatus* Flint & Denning, 1989**

Distribution: Sao Paulo

Notes: Flint Jr and Denning 1989

***Austrotinodes longispinum* Thomson & Holzenthal, 2010**

Distribution: Rio de Janeiro, Sao Paulo

Notes: Thomson and Holzenthal 2010

***Austrotinodes paraguayensis* Flint, 1983**

Distribution: Minas Gerais

Notes: Flint Jr 1983a

***Austrotinodes prolixus* Flint & Denning, 1989**

Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Flint Jr and Denning 1989, Dumas et al. 2009, Calor 2011

***Austrotinodes taquaralis* Thomson & Holzenthal, 2010**

Distribution: Rio de Janeiro, Minas Gerais

Notes: Thomson and Holzenthal 2010

***Austrotinodes uruguayensis* Angrisano, 1994**

Distribution: Parana

Notes: Angrisano 1994, Blahnik et al. 2004

Glossosomatidae

Genus *Canoptila* Mosely, 1939

Notes: Mosely 1939

***Canoptila bifida* Mosely, 1939**

Distribution: Santa Catarina

Notes: Mosely 1939

***Canoptila williami* Robertson & Holzenthal, 2006**

Distribution: Sao Paulo, Parana

Notes: Robertson and Holzenthal 2006

Genus *Itauara* Müller, 1888

Notes: Müller 1888, Flint Jr et al. 1999a, Robertson and Holzenthal 2011

***Itauara alexanderi* Robertson & Holzenthal, 2011**

Distribution: Rio de Janeiro

Notes: Robertson and Holzenthal 2011

***Itauara amazonica* (Flint), 1971**

Distribution: Amazonas

Notes: Flint Jr 1971, Robertson and Holzenthal 2011

***Itauara blahniki* Robertson & Holzenthal, 2011**

Distribution: Sao Paulo

Notes: Robertson and Holzenthal 2011

***Itauara brasiliانا* (Mosely), 1939**

Distribution: Santa Catarina

Notes: Mosely 1939, Robertson and Holzenthal 2011

***Itauara charlotta* Robertson & Holzenthal, 2011**

Distribution: Minas Gerais

Notes: Robertson and Holzenthal 2011

***Itauara emilia* Robertson & Holzenthal, 2011**

Distribution: Sao Paulo

Notes: Robertson and Holzenthal 2011

***Itauara flinti* Robertson & Holzenthal, 2011**

Distribution: Sao Paulo

Notes: Robertson and Holzenthal 2011

***Itauara jamesii* Robertson & Holzenthal, 2011**

Distribution: Minas Gerais

Notes: Robertson and Holzenthal 2011

***Itauara julia* Robertson & Holzenthal, 2011**

Distribution: Rio de Janeiro

Notes: Robertson and Holzenthal 2011

***Itauara lucinda* Robertson & Holzenthal, 2011**

Distribution: Minas Gerais

Notes: Robertson and Holzenthal 2011

***Itauara plaumanni* (Flint), 1974**

Distribution: Santa Catarina

Notes: Flint Jr 1974b, Robertson and Holzenthal 2011

***Itauara rodmani* Robertson & Holzenthal, 2011**

Distribution: Minas Gerais

Notes: Robertson and Holzenthal 2011

***Itauara simplex* Robertson & Holzenthal, 2011**

Distribution: Sao Paulo

Notes: Robertson and Holzenthal 2011

***Itauara stella* Robertson & Holzenthal, 2011**

Distribution: Sao Paulo

Notes: Robertson and Holzenthal 2011

***Itauara tusci* Robertson & Holzenthal, 2011**

Distribution: Rio de Janeiro

Notes: Robertson and Holzenthal 2011

Genus *Mortoniella* Ulmer, 1906

Notes: Ulmer 1906, Mosely 1937, Flint Jr et al. 1999a, Flint Jr et al. 1999b, Blahnik and Holzenthal 2008

***Mortoniella acauda* Blahnik & Holzenthal, 2011**

Distribution: Santa Catarina

Notes: Blahnik and Holzenthal 2011

***Mortoniella agosta* Blahnik & Holzenthal, 2011**

Distribution: Minas Gerais, Rio de Janeiro

Notes: Blahnik and Holzenthal 2011

***Mortoniella albolineata* Ulmer, 1907**

Distribution: Santa Catarina, Sao Paulo

Notes: Ulmer 1907a, Blahnik and Holzenthal 2011

***Mortoniella alicula* Blahnik & Holzenthal, 2011**

Distribution: Rio de Janeiro

Notes: Blahnik and Holzenthal 2011

***Mortoniella asymmetris* Blahnik & Holzenthal, 2011**

Distribution: Pernambuco

Notes: Blahnik and Holzenthal 2011, Souza et al. 2013a

***Mortoniella bocaina* Blahnik & Holzenthal, 2011**

Distribution: Sao Paulo

Notes: Blahnik and Holzenthal 2011

***Mortoniella catarinensis* (Flint), 1974**

Distribution: Santa Catarina

Notes: Flint Jr 1974b, Blahnik and Holzenthal 2011

***Mortoniella crescentis* Blahnik & Holzenthal, 2011**

Distribution: Rio de Janeiro

Notes: Blahnik and Holzenthal 2011

***Mortoniella dolonis* Blahnik & Holzenthal, 2011**

Distribution: Minas Gerais, Sao Paulo

Notes: Blahnik and Holzenthal 2011

***Mortoniella froehlichii* Blahnik & Holzenthal, 2011**

Distribution: Rio de Janeiro

Notes: Blahnik and Holzenthal 2011

***Mortoniella guahybae* Blahnik & Holzenthal, 2011**

Distribution: Sao Paulo

Notes: Blahnik and Holzenthal 2011

***Mortoniella hystriosa* Blahnik & Holzenthal, 2011**

Distribution: Santa Catarina

Notes: Blahnik and Holzenthal 2011

***Mortoniella intervalles* Blahnik & Holzenthal, 2011**

Distribution: Sao Paulo

Notes: Blahnik and Holzenthal 2011

***Mortoniella latispina* Blahnik & Holzenthal, 2011**

Distribution: Rio de Janeiro

Notes: Blahnik and Holzenthal 2011

***Mortoniella longispina* Blahnik & Holzenthal, 2011**

Distribution: Santa Catarina

Notes: Blahnik and Holzenthal 2011

***Mortoniella meloi* Blahnik & Holzenthal, 2011**

Distribution: Sao Paulo

Notes: Blahnik and Holzenthal 2011

***Mortoniella ormina* (Mosely), 1939**

Distribution: Santa Catarina

Notes: Mosely 1939, Blahnik and Holzenthal 2011

***Mortoniella parauna* Blahnik & Holzenthal, 2011**

Distribution: Minas Gerais

Notes: Blahnik and Holzenthal 2011

***Mortoniella paraunota* Blahnik & Holzenthal, 2011**

Distribution: Santa Catarina

Notes: Blahnik and Holzenthal 2011

***Mortoniella pumila* Blahnik & Holzenthal, 2011**

Distribution: Minas Gerais, Rio de Janeiro

Notes: Blahnik and Holzenthal 2011

***Mortoniella pusilla* Blahnik & Holzenthal, 2011**

Distribution: Minas Gerais

Notes: Blahnik and Holzenthal 2011

***Mortoniella teutona* (Mosely), 1939**

Distribution: Minas Gerais, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Mosely 1939, Blahnik and Holzenthal 2011, Dumas and Nessimian 2012

***Mortoniella tripuiensis* Blahnik & Holzenthal, 2011**

Distribution: Minas Gerais

Notes: Blahnik and Holzenthal 2011

***Mortoniella truncata* Blahnik & Holzenthal, 2011**

Distribution: Minas Gerais

Notes: Blahnik and Holzenthal 2011

***Mortoniella unota* (Mosely), 1939**

Distribution: Santa Catarina

Notes: Mosely 1939, Blahnik and Holzenthal 2011

***Mortoniella uruguiensis* Blahnik & Holzenthal, 2011**

Distribution: Santa Catarina

Notes: Blahnik and Holzenthal 2011

Genus *Protoptila* Banks, 1904

Notes: Banks 1904, Flint Jr 1971, Flint Jr 1996

***Protoptila condylifera* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Protoptila cora* Flint, 1983**

Distribution: Minas Gerais

Notes: Flint Jr 1983a, Blahnik et al. 2004

***Protoptila disticha* Flint, 1971**

Distribution: Amazonas, Para

Notes: Flint Jr 1971

***Protoptila dubitans* Mosely, 1939**

Distribution: Santa Catarina

Notes: Mosely 1939

***Protophila ensifera* Flint, 1971**

Distribution: Amazonas, Para, Roraima

Notes: Flint Jr 1971, Flint Jr 1991

***Protophila flexispina* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Protophila longispinata* Santos & Nessimian, 2009**

Distribution: Amazonas, Para

Notes: Santos and Nessimian 2009c

***Protophila macilenta* Flint, 1971**

Distribution: Para

Notes: Flint Jr 1971

***Protophila mara* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Protophila simplex* Flint, 1971**

Distribution: Amazonas, Para

Notes: Flint Jr 1971

***Protophila ternatia* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Protophila tetravittata* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Protophila trispicata* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

Genus *Tolhuaca* Schmid, 1964

Notes: Schmid 1964

***Tolhuaca brasiliensis* Robertson & Holzenthal, 2005**

Distribution: Sao Paulo

Notes: Robertson and Holzenthal 2005

Helicopsychidae**Genus *Helicopsyche* Siebold, 1856**

Notes: Siebold 1856, Mülller 1885

***Helicopsyche (Cochliopsyche) amica* Johanson, 2003**

Distribution: Para

Notes: Johanson 2003

***Helicopsyche (Cochliopsyche) amazona* Johanson, 2003**

Distribution: Amazonas

Notes: Johanson 2003

***Helicopsyche (Cochliopsyche) blahniki* Johanson, 2003**

Distribution: Amazonas

Notes: Johanson 2003

***Helicopsyche (Cochliopsyche) brazilia* Johanson, 2003**

Distribution: Minas Gerais

Notes: Johanson 2003

***Helicopsyche (Cochliopsyche) clara* (Ulmer), 1905**

Distribution: Amazonas, Minas Gerais, Pernambuco, Santa Catarina, Sao Paulo

Notes: Ulmer 1905a, Flint Jr 1996, Johanson 2003, Blahnik et al. 2004, Souza et al. 2013a

***Helicopsyche (Cochliopsyche) lobata* Flint, 1983**

Distribution: Minas Gerais, Santa Catarina

Notes: Flint Jr 1983a, Blahnik et al. 2004

***Helicopsyche (Cochliopsyche) opalescens* Flint, 1972**

Distribution: Amazonas, Minas Gerais, Mato Grosso, Para, Parana, Rio de Janeiro, Rondonia, Roraima, Santa Catarina, Sao Paulo

Notes: Flint Jr 1972, Flint Jr 1996, Johanson 2003, Blahnik et al. 2004

***Helicopsyche (Cochliopsyche) pandeirosa* Johanson, 2003**

Distribution: Minas Gerais

Notes: Johanson 2003

***Helicopsyche (Cochliopsyche) xinguensis* Johanson, 2003**

Distribution: Amazonas, Para

Notes: Johanson 2003

***Helicopsyche (Feropsyche) braziliensis* (Swainson), 1840**

Distribution: Brazil

Notes: Swainson 1840

***Helicopsyche (Feropsyche) cipoensis* Johanson & Malm, 2006**

Distribution: Minas Gerais

Notes: Johanson and Malm 2006

***Helicopsyche (Feropsyche) flinti* Johanson, 1999**

Distribution: Santa Catarina

Notes: Johanson 1999

***Helicopsyche (Feropsyche) helicoidella* (Vallot), 1855**

Distribution: Bahia

Notes: Vallot 1855

***Helicopsyche (Feropsyche) monda* Flint, 1983**

Distribution: Minas Gerais, Parana, **Rio de Janeiro**, Santa Catarina, Sao Paulo

Notes: Flint Jr 1983a, Blahnik et al. 2004, Dumas et al. 2009

***Helicopsyche (Feropsyche) muelleri* Banks, 1920**

Distribution: Santa Catarina

Notes: Banks 1920

***Helicopsyche (Feropsyche) paprockii* Johanson & Malm, 2006**

Distribution: **Minas Gerais**

Notes: Johanson and Malm 2006

***Helicopsyche (Feropsyche) planorboides* Machado, 1957**

Distribution: Minas Gerais

Notes: Machado 1957

***Helicopsyche (Feropsyche) valligera* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a

***Helicopsyche (Feropsyche) vergelana* Ross, 1956**

Distribution: **Pernambuco**

Notes: Ross 1956a, Souza et al. 2013a

***Helicopsyche (Feropsyche) timbira* Silva, Santos & Nessimian, 2014**

Distribution: Rio de Janeiro, Sao Paulo

Notes: Silva et al. 2014

Hydrobiosidae**Genus *Atopsyche* Banks, 1905**

Notes: Banks 1905, Schmid 1989

***Atopsyche (Atopsaura) acahuana* Schmid, 1989**

Distribution: Espirito Santo, **Minas Gerais**, Rio de Janeiro

Notes: Schmid 1989, Blahnik et al. 2004

***Atopsyche (Atopsaura) antisuya* Schmid, 1989**

Distribution: Minas Gerais

Notes: Schmid 1989

***Atopsyche (Atopsaura) apurimac* Schmid, 1989**

Distribution: Rio de Janeiro

Notes: Schmid 1989

***Atopsyche (Atopsaura) blahniki* Santos & Holzenthal, 2012**

Distribution: Rio de Janeiro

Notes: Santos and Holzenthal 2012

***Atopsyche (Atopsaura) galharada* Santos & Holzenthal, 2012**

Distribution: Sao Paulo

Notes: Santos and Holzenthal 2012

***Atopsyche (Atopsaura) hamata* Ross & King, 1952**

Distribution: Roraima

Notes: Ross and King 1952

***Atopsyche (Atopsaura) hatunpuna* Schmid, 1989**

Distribution: Minas Gerais, Sao Paulo

Notes: Schmid 1989, Dumas and Nessimian 2012

***Atopsyche (Atopsaura) huacachaca* Schmid, 1989**

Distribution: Rio de Janeiro

Notes: Schmid 1989

***Atopsyche (Atopsaura) huamachucu* Schmid, 1989**

Distribution: Rio de Janeiro

Notes: Schmid 1989

***Atopsyche (Atopsaura) huanapu* Schmid, 1989**

Distribution: Rio de Janeiro, Sao Paulo

Notes: Schmid 1989, Blahnik et al. 2004

***Atopsyche (Atopsaura) huarcu* Schmid, 1989**

Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Schmid 1989, Blahnik et al. 2004

***Atopsyche (Atopsaura) longipennis* (Ulmer), 1905**

Distribution: Santa Catarina

Notes: Ulmer 1905a

***Atopsyche (Atopsaura) plancki* Marlier, 1964**

Distribution: Minas Gerais, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Marlier 1964b, Blahnik et al. 2004, Santos and Holzenthal 2012

***Atopsyche (Atopsaura) sanctipauli* Flint, 1983**

Distribution: Minas Gerais, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Flint Jr 1983a, Blahnik et al. 2004

***Atopsyche (Atopsaura) serica* Ross, 1953**

Distribution: Santa Catarina

Notes: Ross 1953

***Atopsyche (Atopsaura) siolii* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Atopsyche (Atopsaura) usingeri* Denning & Sykora, 1968**

Distribution: Rio de Janeiro, Sao Paulo

Notes: Denning and Sykora 1968, Calor 2011

***Atopsyche (Atopsaura) zernyi* Flint, 1974**

Distribution: Espirito Santo, Minas Gerais, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Flint Jr 1974b, Blahnik et al. 2004, Dumas et al. 2010

***Atopsyche (Atopsyche) chirihuana* Schmid, 1989**

Distribution: Minas Gerais

Notes: Schmid 1989, Blahnik et al. 2004

***Atopsyche (Atopsyche) erigia* Ross, 1947**

Distribution: Minas Gerais, Sao Paulo

Notes: Ross 1947, Blahnik et al. 2004, Calor 2011

***Atopsyche (Atopsyche) parauna* Santos & Holzenthal, 2012**

Distribution: Minas Gerais

Notes: Santos and Holzenthal 2012

***Atopsyche (Atopsyche) urumarca* Schmid, 1989**

Distribution: Minas Gerais, **Sao Paulo**

Notes: Schmid 1989, Santos and Holzenthal 2012

Hydropsychidae**Genus *Blepharopus* Kolenati, 1859**

Notes: Kolenati 1859

***Blepharopus diaphanus* Kolenati, 1859**

Distribution: **Espirito Santo**, Minas Gerais, **Mato Grosso**, Rio de Janeiro, **Pernambuco**, Parana, **Roraima**, Santa Catarina, **Sao Paulo**

Notes: Kolenati 1859, Flint Jr 1991, Marinoni and Almeida 2000, Blahnik et al. 2004, Dumas et al. 2009, Nogueira and Cabette 2011, Barcelos-Silva et al. 2012, Souza et al. 2013a, Costa et al. 2014

Genus *Centromacronema* Ulmer, 1905

Notes: Ulmer 1905a

***Centromacronema auripenne* (Rambur), 1842**

Distribution: **Minas Gerais**, **Rio de Janeiro**, **Santa Catarina**, **Sao Paulo**

Notes: Rambur 1842, Dumas et al. 2009, Dumas and Nessimian 2012

***Centromacronema obscurum* (Ulmer), 1905**

Distribution: Minas Gerais, Santa Catarina, Sao Paulo

Notes: Ulmer 1905a, Blahnik et al. 2004

Genus *Leptonema* Guérin-Méneville, 1843

Notes: Guérin-Méneville 1843, Flint et al. 1987

***Leptonema agraphum* (Kolenati), 1859**

Distribution: Rio de Janeiro

Notes: Kolenati 1859

***Leptonema amazonense* Flint, 1978**

Distribution: Amazonas, Mato Grosso, Roraima

Notes: Flint Jr 1978, Ribeiro et al. 2009, Nogueira and Cabette 2011

***Leptonema amplifurcatum* Dumas & Nessimian, 2009**

Distribution: Rio de Janeiro

Notes: Dumas and Nessimian 2009b

***Leptonema aspersum* (Ulmer), 1907**

Distribution: Bahia, Mato Grosso do Sul, **Mato Grosso**

Notes: Ulmer 1907c, Nogueira and Cabette 2011

***Leptonema aterrimum* Mosely, 1933**

Distribution: Para

Notes: Mosely 1933

***Leptonema bifurcatodes* Flint, 2008**

Distribution: Rio de Janeiro

Notes: Flint Jr 2008

***Leptonema bifurcatum* Flint, McAlpine & Ross, 1987**

Distribution: Espírito Santo, Minas Gerais

Notes: Flint et al. 1987, Blahnik et al. 2004

***Leptonema boraceia* Flint, McAlpine & Ross, 1987**

Distribution: Rio de Janeiro, Sao Paulo

Notes: Flint et al. 1987

***Leptonema columbianum* Ulmer, 1905**

Distribution: Amazonas, Bahia, Distrito Federal, Goias, Minas Gerais, Mato Grosso do Sul, Para, Rondonia, Sao Paulo

Notes: Ulmer 1905a

***Leptonema crassum* Ulmer, 1905**

Distribution: Espirito Santo, Goias, Minas Gerais, Mato Grosso, Roraima, Sao Paulo

Notes: Ulmer 1905a

***Leptonema eugnathum* (Müller), 1921**

Distribution: Santa Catarina

Notes: Müller 1921

***Leptonema ferelunatum* Jardim, Dumas & Nessimian, 2010**

Distribution: Rio de Janeiro

Notes: Jardim et al. 2010

***Leptonema lacuniferum* Flint, 1978**

Distribution: Amazonas

Notes: Flint Jr 1978

***Leptonema lineaticorne* Flint, 2008**

Distribution: Minas Gerais

Notes: Flint Jr 2008

***Leptonema lunatum* Flint, McAlpine & Ross, 1987**

Distribution: Santa Catarina

Notes: Flint et al. 1987

***Leptonema macacu* Flint, 2008**

Distribution: Rio de Janeiro

Notes: Flint Jr 2008

***Leptonema maculatum* Mosely, 1933**

Distribution: Amazonas, Mato Grosso, Para

Notes: Mosely 1933, Nogueira and Cabette 2011

***Leptonema pallidum* Guérin-Meneville, 1843**

Distribution: Bahia, Ceara, Distrito Federal, Espirito Santo, Goias, Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Guérin-Méneville 1843, Costa et al. 2014

***Leptonema rostratum* Flint, McAlpine & Ross, 1987**

Distribution: Amazonas, Mato Grosso, Para, Roraima

Notes: Schmid 1964, Flint et al. 1987, Costa et al. 2014

***Leptonema sancticaroli* Flint, McAlpine & Ross, 1987**

Distribution: Amazonas

Notes: Flint et al. 1987, Dumas et al. 2010

***Leptonema santosi* Jardim, Dumas & Nessimian, 2010**

Distribution: Rio de Janeiro

Notes: Jardim et al. 2010

***Leptonema serranum* Navás, 1933**

Distribution: Sao Paulo

Notes: Flint et al. 1987

***Leptonema serratum* Jardim, Dumas & Nessimian, 2010**

Distribution: Rio de Janeiro

Notes: Jardim et al. 2010

***Leptonema sparsum* (Ulmer), 1905**

Distribution: Amazonas, **Bahia**, Distrito Federal, Goias, Minas Gerais, Mato Grosso, Para, Parana, Rio de Janeiro, Rondonia, **Roraima**, Santa Catarina, Sao Paulo

Notes: Flint et al. 1987, Flint Jr 1991, Marinoni and Almeida 2000, Blahnik et al. 2004, Costa et al. 2014

***Leptonema speciosum* (Burmeister), 1839**

Distribution: Rio de Janeiro

Notes: Burmeister 1839

***Leptonema spinulum* Flint, McAlpine & Ross, 1987**

Distribution: Amazonas, Distrito Federal, Mato Grosso, **Para**

Notes: Flint et al. 1987, Dumas et al. 2010

***Leptonema stigmaticum* Navás, 1916**

Distribution: Rio de Janeiro

Notes: Burmeister 1839

***Leptonema tholloni* Navás, 1923**

Distribution: Rio de Janeiro

Notes: Flint et al. 1987

***Leptonema tridens* Mosely, 1933**

Distribution: Minas Gerais, Parana, Rio de Janeiro, Sao Paulo

Notes: Mosely 1933, Blahnik et al. 2004,

***Leptonema trispicatum* Flint, McAlpine & Ross, 1987**

Distribution: Parana, Sao Paulo

Notes: Flint et al. 1987, Blahnik et al. 2004

***Leptonema viridianum* Navás, 1916**

Distribution: Bahia, Ceara, Espirito Santo, Goias, Distrito Federal, Minas Gerais, Para, Paraiba, Pernambuco, Parana, Rio de Janeiro, Sao Paulo

Notes: Mosely 1933, Blahnik et al. 2004, Dumas and Nessimian 2012, Barcelos-Silva et al. 2012, Souza et al. 2013a, Costa et al. 2014

Genus *Macronema* Pictet, 1836

Notes: Pictet 1836, Flint Jr and Bueno-Soria 1982

***Macronema amazonense* Flint, 1978**

Distribution: Amazonas

Notes: Flint Jr 1978

***Macronema argentilineatum* Ulmer, 1905**

Distribution: Amazonas, Para

Notes: Ulmer 1905a

***Macronema bicolor* Ulmer, 1905**

Distribution: Espirito Santo, Minas Gerais, Santa Catarina, Sao Paulo

Notes: Ulmer 1905a, Dumas et al. 2010, Barcelos-Silva et al. 2012

***Macronema burmeisteri* Banks, 1924**

Distribution: Amazonas

Notes: Banks 1924

***Macronema exophthalmum* Flint, 1978**

Distribution: Amazonas

Notes: Flint Jr 1978

***Macronema fragile* Banks, 1915**

Distribution: Amazonas

Notes: Banks 1915

***Macronema fulvum* Ulmer, 1905**

Distribution: Rio de Janeiro, **Sao Paulo**

Notes: Ulmer 1905a, Calor 2011

***Macronema hageni* Banks, 1924**

Distribution: Amazonas, Minas Gerais, **Mato Grosso**, Para, **Roraima**

Notes: Banks 1924, Flint Jr 1991, Blahnik et al. 2004, Nogueira and Cabette 2011

***Macronema immaculatum* Mosely, 1934**

Distribution: Parana, Sao Paulo

Notes: Mosely 1934a

***Macronema lachlani* Banks, 1924**

Distribution: Amazonas

Notes: Banks 1924

***Macronema lineatum* Pictet, 1836**

Distribution: Bahia

Notes: Pictet 1836

***Macronema muelleri* Banks, 1924**

Distribution: Amazonas

Notes: Banks 1924

***Macronema partitum* Navás, 1932**

Distribution: Rio de Janeiro

Notes: Navás 1932b

***Macronema parvum* Ulmer, 1905**

Distribution: Amazonas

Notes: Ulmer 1905a

***Macronema pennyi* Flint, 1978**

Distribution: Amazonas

Notes: Flint Jr 1978

***Macronema percitans* Walker, 1860**

Distribution: Amazonas, Mato Grosso, Para

Notes: Walker 1860

***Macronema pertyi* Banks, 1924**

Distribution: Mato Grosso, Para

Notes: Banks 1924

***Macronema rubiginosum* Guérin-Meneville, 1843**

Distribution: Brazil

Notes: Guérin-Méneville 1843

Genus *Macrostemum* Kolenati, 1859

Notes: Kolenati 1859, Flint Jr and Bueno-Soria 1982, França et al. 2013

***Macrostemum arcuatum* (Erichson), 1848**

Distribution: Amazonas, **Mato Grosso**, Para

Notes: Erichson 1848, Nogueira and Cabette 2011, França et al. 2013

***Macrostemum brasiliense* (Fischer, 1970)**

Distribution: Bahia, **Espirito Santo**, **Minas Gerais**, **Rio de Janeiro**, Sao Paulo

Notes: Perty 1833, Fischer 1970, Dumas and Nessimian 2012, França et al. 2013

***Macrostemum braueri* (Banks), 1924**

Distribution: Amazonas

Notes: Banks 1924, França et al. 2013

***Macrostemum bravoii* França, Paprocki & Calor, 2013**

Distribution: Bahia, Mato Grosso

Notes: França et al. 2013

***Macrostemum digramma* (McLachlan), 1871**

Distribution: Espírito Santo, Minas Gerais, Rio de Janeiro, São Paulo

Notes: McLachlan 1871, Calor 2011, Barcelos-Silva et al. 2012, França et al. 2013

***Macrostemum erichsoni* (Banks), 1920**

Distribution: Acre, Amazonas, Bahia, Espírito Santo, Pará

Notes: Banks 1920, Barcelos-Silva et al. 2012, França et al. 2013

***Macrostemum hyalinum* (Pictet), 1836**

Distribution: Acre, Bahia, Ceará, Espírito Santo, Mato Grosso, Pará, Paraíba, Pernambuco, Paraná, Rio de Janeiro, São Paulo

Notes: Pictet 1836, Marinoni and Almeida 2000, Dumas et al. 2009, Calor 2011, Nogueira and Cabette 2011, França et al. 2013

***Macrostemum negrense* (Flint), 1978**

Distribution: Amazonas, Mato Grosso, Pará

Notes: Flint Jr 1978, França et al. 2013

***Macrostemum nigrum* França, Paprocki & Calor, 2013**

Distribution: Bahia

Notes: França et al. 2013

***Macrostemum par* (Navás), 1930**

Distribution: São Paulo

Notes: Navás 1930, França et al. 2013

***Macrostemum santaeritae* (Ulmer), 1905**

Distribution: **Acre**, Amazonas, **Bahia**, **Mato Grosso**, Para

Notes: Ulmer 1905b, Nogueira and Cabette 2011, França et al. 2013

***Macrostemum surinamense* (Flint), 1974**

Distribution: Amazonas

Notes: Flint Jr 1974a, França et al. 2013

***Macrostemum ulmeri* (Banks), 1913**

Distribution: **Acre**, Amazonas, Minas Gerais, **Mato Grosso**, Para, **Pernambuco**, **Rondonia**, Roraima, **Sao Paulo**

Notes: Banks 1913, Blahnik et al. 2004, Nogueira and Cabette 2011, França et al. 2013, Souza et al. 2013a

Genus *Plectromacronema* Ulmer, 1906

Notes: Ulmer 1906, Flint Jr 1967, Flint Jr 1983b

***Plectromacronema comptum* Ulmer, 1906**

Distribution: Amazonas, Para, **Roraima**

Notes: Ulmer 1906, Flint Jr 1991

***Plectromacronema subfuscum* (Banks), 1920**

Distribution: Santa Catarina

Notes: Banks 1920

Genus *Pseudomacronema* Ulmer, 1905

Notes: Ulmer 1905a

***Pseudomacronema vittatum* Ulmer, 1905**

Distribution: Amazonas, Para

Notes: Ulmer 1905a

Genus *Smicridea* McLachlan, 1871

Notes: McLachlan 1871, Flint Jr 1974a, Flint Jr 1989

***Smicridea (Rhyacophylax) abrupta* Flint, 1974**

Distribution: Amazonas, **Mato Grosso, Roraima**

Notes: Flint Jr 1974a, Flint Jr 1991, Nogueira and Cabette 2011

***Smicridea (Rhyacophylax) appendiculata* Flint, 1972**

Distribution: Amazonas, Minas Gerais, **Mato Grosso, Roraima**

Notes: Flint Jr 1972, Blahnik et al. 2004, Albino et al. 2011

***Smicridea (Rhyacophylax) araguaiense* Albino, Pes & Hamada, 2011**

Distribution: **MatoGrosso**

Notes: Albino et al. 2011

***Smicridea (Rhyacophylax) atrobasis* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a

***Smicridea (Rhyacophylax) bicornuta* Albino, Pes & Hamada, 2011**

Distribution: **Mato Grosso**

Notes: Albino et al. 2011

***Smicridea (Rhyacophylax) bifasciata* Albino, Pes & Hamada, 2011**

Distribution: **Mato Grosso**

Notes: Albino et al. 2011

***Smicridea (Rhyacophylax) brasiliiana* (Ulmer), 1905**

Distribution: Santa Catarina

Notes: Ulmer 1905a

***Smicridea (Rhyacophylax) caligata* Flint, 1974**

Distribution: Amazonas

Notes: Flint Jr 1974a

***Smicridea (Rhyacophylax) columbiana* (Ulmer), 1905**

Distribution: Amazonas, Roraima

Notes: Ulmer 1905a, Flint Jr 1991

***Smicridea (Rhyacophylax) coronata* Flint, 1980**

Distribution: **Espirito Santo**, Minas Gerais, **Mato Grosso**, Sao Paulo

Notes: Flint Jr 1980, Albino et al. 2011, Barcelos-Silva et al. 2012

***Smicridea (Rhyacophylax) dentifera* Flint, 1983**

Distribution: Sao Paulo

Notes: Flint Jr 1983a, Blahnik et al. 2004

***Smicridea (Rhyacophylax) dentisserrata* Albino, Pes & Hamada, 2011**

Distribution: **Mato Grosso**

Notes: Albino et al. 2011

***Smicridea (Rhyacophylax) discalis* Flint, 1972**

Distribution: Minas Gerais, Parana

Notes: Flint Jr 1972, Marinoni and Almeida 2000, Blahnik et al. 2004

***Smicridea (Rhyacophylax) ephippifer* Flint, 1978**

Distribution: **Mato Grosso**, Para

Notes: Flint Jr 1978, Nogueira and Cabette 2011

***Smicridea (Rhyacophylax) flinti* Albino, Pes & Hamada, 2011**

Distribution: Amazonas, Mato Grosso

Notes: Albino et al. 2011

***Smicridea (Rhyacophylax) forcipata* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a, Blahnik et al. 2004

***Smicridea (Rhyacophylax) froehlichii* Almeida & Flint, 2002**

Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Almeida and Flint Jr 2002, Dumas et al. 2010

***Smicridea (Rhyacophylax) gladiator* Flint, 1978**

Distribution: Amazonas

Notes: Flint Jr 1978

***Smicridea (Rhyacophylax) helenae* Albino, Pes & Hamada, 2011**

Distribution: Amazonas, Mato Grosso, Roraima

Notes: Albino et al. 2011

***Smicridea (Rhyacophylax) iguazu* Flint, 1983**

Distribution: Espirito Santo, Minas Gerais, Parana, Rio de Janeiro, Santa Catarina

Notes: Flint Jr 1983a, Marinoni and Almeida 2000, Barcelos-Silva et al. 2012

***Smicridea (Rhyacophylax) jundiai* Almeida & Flint, 2002**

Distribution: Espirito Santo, Minas Gerais, Parana, Rio de Janeiro, Sao Paulo

Notes: Almeida and Flint Jr 2002, Dumas et al. 2010

***Smicridea (Rhyacophylax) mangaratiba* Almeida & Flint, 2002**

Distribution: Rio de Janeiro

Notes: Almeida and Flint Jr 2002

***Smicridea (Rhyacophylax) marlieri* Flint, 1978**

Distribution: Amazonas, Para

Notes: Flint Jr 1978

***Smicridea (Rhyacophylax) marua* Flint, 1978**

Distribution: Amazonas

Notes: Flint Jr 1978

***Smicridea (Rhyacophylax) mesembrina* Navás, 1918**

Distribution: Mato Grosso

Notes: Navás 1918, Nogueira and Cabette 2011

***Smicridea (Ryachophylax) palmar* Sganga, 2005**

Distribution: Espirito Santo, Pernambuco

Notes: Barcelos-Silva et al. 2012, Souza et al. 2013a

***Smicridea (Rhyacophylax) piraya* Flint, 1983**

Distribution: Espirito Santo, Minas Gerais, Parana, Santa Catarina, Sao Paulo

Notes: Flint Jr 1983a, Marinoni and Almeida 2000, Blahnik et al. 2004, Barcelos-Silva et al. 2012

***Smicridea (Rhyacophylax) pseudolobata* Flint, 1978**

Distribution: Amazonas, Para

Notes: Flint Jr 1978, Dumas et al. 2010

***Smicridea (Rhyacophylax) radula* Flint, 1974**

Distribution: Espirito Santo, Minas Gerais, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Flint Jr 1974c, Blahnik et al. 2004, Dumas et al. 2009, Barcelos-Silva et al. 2012

***Smicridea (Rhyacophylax) ralphi* Almeida & Flint, 2002**

Distribution: Espirito Santo, Parana, Rio de Janeiro, Sao Paulo

Notes: Almeida and Flint Jr 2002

***Smicridea (Rhyacophylax) roraimense* Albino, Pes & Hamada, 2011**

Distribution: Espirito Santo, Pernambuco, Roraima

Notes: Albino et al. 2011, Barcelos-Silva et al. 2012, Souza et al. 2013a

***Smicridea (Rhyacophylax) scutellaris* Flint, 1974**

Distribution: Amazonas, Minas Gerais, Para, **Roraima**

Notes: Flint Jr 1974a, Flint Jr 1991, Blahnik et al. 2004

***Smicridea (Rhyacophylax) spinulosa* Flint, 1972**

Distribution: Amazonas, Para, Parana, Santa Catarina, Sao Paulo

Notes: Flint Jr 1972, Marinoni and Almeida 2000, Blahnik et al. 2004

***Smicridea (Rhyacophylax) unguiculata* Flint, 1983**

Distribution: Goias, Minas Gerais, Parana, Santa Catarina, Sao Paulo

Notes: Flint Jr 1983a, Marinoni and Almeida 2000, Blahnik et al. 2004

***Smicridea (Rhyacophylax) vermiculata* Flint, 1978**

Distribution: Minas Gerais, Para, Parana, Santa Catarina, **Sao Paulo**

Notes: Flint Jr 1978, Marinoni and Almeida 2000, Blahnik et al. 2004, Calor 2011

***Smicridea (Rhyacophylax) vilela* Flint, 1978**

Distribution: Amazonas, Para

Notes: Flint Jr 1978

***Smicridea (Rhyacophylax) voluta* Flint, 1978**

Distribution: Amazonas, Para

Notes: Flint Jr 1978

***Smicridea (Rhyacophylax) weidneri* Flint, 1972**

Distribution: Parana, Santa Catarina

Notes: Flint Jr 1972, Marinoni and Almeida 2000

***Smicridea (Smicridea) aequalis* Banks, 1920**

Distribution: Para

Notes: Banks 1920

***Smicridea (Smicridea) albosignata* Ulmer, 1907**

Distribution: Minas Gerais, Parana, Rio de Janeiro, Sao Paulo

Notes: Ulmer 1907a, Marinoni and Almeida 2000, Blahnik et al. 2004

***Smicridea (Smicridea) bivittata* (Hagen), 1861**

Distribution: Minas Gerais, Para, **Sao Paulo**

Notes: Hagen 1861, Blahnik et al. 2004, Calor 2011

***Smicridea (Smicridea) gemina* Blahnik, 1995**

Distribution: **Espirito Santo**

Notes: Blahnik 2005, Barcelos-Silva et al. 2012

***Smicridea (Smicridea) mirnae* Almeida & Flint, 2002**

Distribution: Parana

Notes: Almeida and Flint Jr 2002

***Smicridea (Smicridea) obliqua* Flint, 1974**

Distribution: Amazonas

Notes: Flint Jr 1974a

***Smicridea (Smicridea) palifera* Flint, 1981**

Distribution: **Espirito Santo, Mato Grosso, Pernambuco, Rio de Janeiro, Roraima**

Notes: Flint Jr 1981, Blahnik et al. 2004, Albino et al. 2011, Nogueira and Cabette 2011, Barcelos-Silva et al. 2012, Souza et al. 2013a

***Smicridea (Smicridea) paranensis* Flint, 1983**

Distribution: Minas Gerais, Parana, Rio de Janeiro, **Sao Paulo**

Notes: Flint Jr 1983a, Marinoni and Almeida 2000, Blahnik et al. 2004, Calor 2011

***Smicridea (Smicridea) reinerti* Flint, 1978**

Distribution: Para

Notes: Flint Jr 1978

***Smicridea (Smicridea) sattleri* Denning & Sykora, 1968**

Distribution: Sao Paulo

Notes: Denning and Sykora 1968

***Smicridea (Smicridea) sexspinosa* Flint, 1978**

Distribution: Amazonas

Notes: Flint Jr 1978

***Smicridea (Smicridea) truncata* Flint, 1974**

Distribution: Amazonas, **Mato Grosso**, Para, **Rio de Janeiro**

Notes: Flint Jr 1974a, Dumas et al. 2009, Nogueira and Cabette 2011

Genus *Synoestropsis* Ulmer, 1905

Notes: Ulmer 1905a, Flint Jr et al. 1999b

***Synoestropsis furcata* Flint, 1974**

Distribution: **Mato Grosso**, Para

Notes: Flint Jr 1974a, Flint Jr 1991, Calor 2008a

***Synoestropsis grisoli* Navás, 1924**

Distribution: Amazonas, **Bahia**, Minas Gerais, **Mato Grosso**, Para, **Roraima**

Notes: Navás 1924, Flint Jr 1991, Blahnik et al. 2004, Nogueira and Cabelle 2011, Costa et al. 2014

***Synoestropsis obliqua* Ulmer, 1905**

Distribution: Rio Grande do Sul

Notes: Ulmer 1905a

***Synoestropsis pedicillata* Ulmer, 1905**

Distribution: **Espirito Santo**, Minas Gerais, **Pernambuco**, Santa Catarina, **Sao Paulo**

Notes: Ulmer 1905a, Blahnik et al. 2004, Calor 2011, Barcelos-Silva et al. 2012, Souza et al. 2013a

***Synoestropsis punctipennis* Ulmer, 1905**

Distribution: Amazonas

Notes: Ulmer 1905a

***Synoestropsis stictonota* Navás, 1932**

Distribution: Santa Catarina

Notes: Navás 1932a

Hydroptilidae

Genus *Abtrichia* Mosely, 1939

Notes: Mosely 1939

***Abtrichia antennata* Mosely, 1939**

Distribution: Minas Gerais, **Pernambuco**, **Rio de Janeiro**, Santa Catarina, Minas Gerais

Notes: Mosely 1939, Blahnik et al. 2004, Dumas et al. 2010

***Abtrichia squamosa* Mosely, 1939**

Distribution: Minas Gerais, Rio de Janeiro, Santa Catarina

Notes: Mosely 1939, Blahnik et al. 2004

Genus *Acostatruchia* Mosely, 1939

Notes: Mosely 1939

***Acostatruchia brevipenis* Flint, 1974**

Distribution: Roraima

Notes: Flint Jr 1974a

***Acostatruchia plaumanni* Mosely, 1939**

Distribution: Santa Catarina

Notes: Mosely 1939

***Acostatruchia simulans* Mosely, 1939**

Distribution: Santa Catarina

Notes: Mosely 1939

Genus *Alisotruchia* Flint, 1964

Distribution: Rondonia

Notes: Flint Jr 1964

***Alisotruchia cacaulandia* Harris & Flint, 2002**

Distribution: Rondonia

Notes: Harris and Flint Jr 2002

***Alisotruchia holzenthali* Santos, 2011**

Distribution: Minas Gerais

Notes: Santos 2011

***Alisotruchia macae* Santos, 2011**

Distribution: Rio de Janeiro

Notes: Santos 2011

***Alisotrichia nessimiani* Santos, 2011**

Distribution: Rio de Janeiro

Notes: Santos 2011

***Alisotrichia ubatuba* Santos, 2011**

Distribution: Sao Paulo

Notes: Santos 2011

Genus *Anchitrichia* Flint, 1970

Notes: Flint Jr 1970

***Anchitrichia duplifurcata* Flint, 1983**

Distribution: Minas Gerais, Rio de Janeiro

Notes: Flint Jr 1983a, Guahyba 1991, Blahnik et al. 2004

Genus *Ascotrichia* Flint, 1983

Notes: Flint Jr 1983a

***Ascotrichia frontalis* Flint, 1983**

Distribution: Espirito Santo, Rio de Janeiro

Notes: Flint Jr 1983a

Genus *Betrichia* Mosely, 1939

Notes: Mosely 1939

***Betrichia alibrachia* Thomson, 2012**

Distribution: Rio de Janeiro

Notes: Thomson 2012

***Betrichia hamulifera* Flint, 1983**

Distribution: Pernambuco, Sao Paulo, Santa Catarina

Notes: Flint Jr 1983a, Calor 2011, Souza et al. 2013b

***Betrichia longistyla* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a

***Betrichia zilbra* Mosely, 1939**

Distribution: Santa Catarina

Notes: Mosely 1939

Genus *Bredinia* Flint, 1968

Notes: Flint Jr 1968

***Bredinia espinosa* Harris, Holzenthal & Flint, 2002**

Distribution: Mato Grosso, Rondonia

Notes: Harris et al. 2002b

Genus *Byrsopteryx* Flint, 1981

Notes: Flint Jr 1981

***Byrsopteryx abrelata* Harris & Holzenthal, 1994**

Distribution: Parana, Rio de Janeiro, Sao Paulo

Notes: Harris and Holzenthal 1994, Blahnik et al. 2004, Santos and Nessimian 2010a

***Byrsopteryx carioca* Santos & Nessimian, 2010**

Distribution: Riode Janeiro

Notes: Santos and Nessimian 2010a

***Byrsopteryx espinhosa* Harris & Holzenthal, 1994**

Distribution: Rio de Janeiro

Notes: Harris and Holzenthal 1994

Genus *Ceratotrichia* Flint, 1992***Ceratotrichia* sp.**

Distribution: Amazonas, Rio Grande do Sul

Notes: Flint Jr 1992, Pes and Hamada 2004, Spies et al. 2006

Genus *Costatrichia* Mosely, 1937

Notes: Mosely 1937

***Costatrichia fluminensis* Santos & Nessimian, 2010**

Distribution: Rio de Janeiro

Notes: Santos and Nessimian 2010c

***Costatrichia nelsonferreirai* Santos & Nessimian, 2010**

Distribution: Para

Notes: Santos and Nessimian 2010c

***Costatrichia noite* Angrisano, 1995**

Distribution: Amazonas

Notes: Angrisano 1994, Santos et al. 2013

***Costatrichia ipixuna* Santos, Takyia & Nessimian, 2013**

Distribution: Amazonas

Notes: Santos et al. 2013

Genus *Dicaminus* Müller, 1879

Notes: Müller 1879b

***Dicaminus ladislavii* Müller, 1879**

Distribution: Santa Catarina

Notes: Müller 1879b

Genus *Eutonella* Müller, 1921

Notes: Müller 1921, Flint Jr et al. 1999b

***Eutonella peltopsychodes* Müller, 1921**

Distribution: Santa Catarina

Notes: Müller 1921

Genus *Flintiella* Angrisano, 1995

Notes: Angrisano 1995

***Flintiella andreae* Angrisano, 1995**

Distribution: Pernambuco

Notes: Angrisano 1995, Souza et al. 2013b

***Flintiella astilla* Harris, Flint & Holzenthal, 2002**

Distribution: Bahia, Mato Grosso, Parana, Sao Paulo

Notes: Harris et al. 2002a

***Flintiella boraceia* Harris, Flint & Holzenthal, 2002**

Distribution: Sao Paulo

Notes: Harris et al. 2002a

***Flintiella carajas* Santos, Jardim & Nessimian, 2011**

Distribution: Para

Notes: Santos et al. 2011

***Flintiella manauara* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009a

***Flintiella pizotensis* Harris, Flint & Holzenthal, 2002**

Distribution: Amazonas

Notes: Dumas et al. 2010

Genus *Hydroptila* Dalman, 1819

Notes: Dalman 1819, Bueno-Soria 1984, Harris and Holzenthal 1999

***Hydroptila argentinica* Flint, 1983**

Distribution: Parana, Rio de Janeiro, Sao Paulo

Notes: Flint Jr 1983a, Blahnik et al. 2004, Dumas et al. 2009

***Hydroptila producta* Mosely, 1939**

Distribution: Rio de Janeiro, Santa Catarina

Notes: Mosely 1939, Dumas et al. 2009

Genus *Leucotrichia* Mosely, 1934

Notes: Mosely 1934b, Flint Jr 1970

***Leucotrichia bicornuta* Thomson, 2012**

Distribution: Rio de Janeiro

Notes: Thomson 2012

***Leucotrichia brasiliiana* Sattler & Sykora, 1977**

Distribution: Amazonas

Notes: Sattler and Sykora 1977

Genus *Metrichia* Ross, 1938

Notes: Ross 1938

***Metrichia pernambucana* Souza & Santos, 2013**

Distribution: Pernambuco

Notes: Souza et al. 2013b

***Metrichia* sp.**

Distribution: Amazonas, Goiás, Rio de Janeiro, Rio Grande do Sul, Sao Paulo

Notes: Pes et al. 2005, Spies et al. 2006, Martins-Silva et al. 2008, Spies and Froehlich 2009, Dumas and Nessimian 2012

Genus *Neotrichia* Morton, 1905

Notes: Morton 1905

***Neotrichia abbreviata* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a

***Neotrichia bellinii* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009b

***Neotrichia browni* Harris, 1990**

Distribution: Amazonas

Notes: Harris 1990, Santos and Nessimian 2009b

***Neotrichia colmillosa* Harris, 1990**

Distribution: Amazonas

Notes: Harris 1990, Santos and Nessimian 2009b

***Neotrichia didii* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009b

***Neotrichia djalmasantosi* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009b

***Neotrichia dubitans* (Mosely), 1939**

Distribution: Rio de Janeiro, Santa Catarina

Notes: Mosely 1939, Dumas et al. 2009

***Neotrichia durior* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a

***Neotrichia feolai* Santos & Nessimian, 2009**

Distribution: Amazonas, Pernambuco

Notes: Santos and Nessimian 2009b, Souza et al. 2013b

***Neotrichia filifera* Flint, 1983**

Distribution: Minas Gerais, Pernambuco

Notes: Flint Jr 1983a, Blahnik et al. 2004, Souza et al. 2013b

***Neotrichia garrinchai* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009b

***Neotrichia gilmari* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009b

***Neotrichia longissima* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a

***Neotrichia niltonsantosi* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009b

***Neotrichia noteuna* (Mosely), 1939**

Distribution: Santa Catarina

Notes: Mosely 1939

***Neotrichia novara* (Mosely), 1939**

Distribution: Santa Catarina

Notes: Mosely 1939

***Neotrichia orlandoi* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009b

***Neotrichia ovona* (Mosely), 1939**

Distribution: Santa Catarina

Notes: Mosely 1939

***Neotrichia pelei* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009b

***Neotrichia rotundata* Flint, 1974**

Distribution: Roraima

Notes: Flint Jr 1974a

***Neotrichia sicilicula* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a

***Neotrichia tertia* (Mosely), 1939**

Distribution: Santa Catarina

Notes: Mosely 1939

***Neotrichia teutonia* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a

***Neotrichia vavai* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009b

***Neotrichia zagalloi* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009b

***Neotrichia zitoi* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009b

Genus *Nothotrichia* Flint, 1967

Notes: Flint Jr 1967, Harris and Armitage 1997

***Nothotrichia tupi* Holzenthal & Harris, 2002**

Distribution: Brazil

Notes: Holzenthal and Harris 2002

Genus *Ochrotrichia* Mosely, 1934

Notes: Mosely 1934b

***Ochrotrichia caatinga* Souza, Santos & Takiya, 2014**

Distribution: Ceará

Notes: Souza et al. 2014

***Ochrotrichia concha* Bueno & Santiago, 1992**

Distribution: Amazonas

Notes: Bueno-Soria and Santiago-Fragoso 1992

***Ochrotrichia constricta* Souza, Santos & Takiya, 2014**

Distribution: Bahia

Notes: Souza et al. 2014

***Ochrotrichia igrapiuna* Souza, Santos & Takiya, 2014**

Distribution: Bahia

Notes: Souza et al. 2014

***Ochrotrichia limeirai* Souza, Santos & Takiya, 2014**

Distribution: Ceara

Notes: Souza et al. 2014

***Ochrotrichia manuensis* Flint & Bueno-Soria**

Distribution: Bahia

Notes: Souza et al. 2014

***Ochrotrichia patulosa* (Wasmund & Holzenthal), 2007**

Distribution: Ceara, Rio de Janeiro

Notes: Dumas et al. 2009, Oláh and Johanson 2011, Quinteiro et al. 2014

***Ochrotrichia priapo* Souza, Santos & Takiya, 2014**

Distribution: Bahia

Notes: Souza et al. 2014

Genus *Oxyethira* Eaton, 1873

Notes: Eaton 1873

***Oxyethira bettyae* Thomson & Holzenthal, 2012**

Distribution: Pernambuco

Notes: Thomson and Holzenthal 2012, Souza et al. 2013b

***Oxyethira bicornuta* Kelley, 1983**

Distribution: Amazonas

Notes: Kelley 1983

***Oxyethira brasiliensis* Kelley, 1983**

Distribution: Para

Notes: Kelley 1983

***Oxyethira circaverna* Kelley, 1983**

Distribution: Amazonas

Notes: Kelley 1983, Santos et al. 2009

***Oxyethira discaelata* Kelley, 1983**

Distribution: Amazonas

Notes: Kelley 1983

***Oxyethira espinada* Holzenthal & Harris, 1992**

Distribution: Minas Gerais

Notes: Harris and Holzenthal 1992, Dumas et al. 2009, Blahnik et al. 2004

***Oxyethira hyalina* Müller, 1879**

Distribution: Santa Catarina

Notes: Müller 1879b

***Oxyethira lagunita* Flint, 1983**

Distribution: Parana

Notes: Flint Jr 1983a

***Oxyethira longipenis* Santos, Henriques-Oliveira & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos et al. 2009

***Oxyethira longissima* Flint, 1974**

Distribution: Amazonas

Notes: Flint Jr 1974a, Santos et al. 2009

***Oxyethira luanae* Santos, Henriques-Oliveira & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos et al. 2009

***Oxyethira macrosterna* Flint, 1974**

Distribution: Amazonas

Notes: Flint Jr 1974a, Santos et al. 2009

***Oxyethira merga* Kelley, 1983**

Distribution: Roraima

Notes: Kelley 1983

***Oxyethira parce* (Edwards & Arnold), 1961**

Distribution: Minas Gerais

Notes: Edwards and Arnold 1961, Blahnik et al. 2004

***Oxyethira peruviana* Harris & Davenport, 1999**

Distribution: Amazonas

Notes: Harris and Davenport 1999, Santos et al. 2009

***Oxyethira picita* Harris & Davenport, 1999**

Distribution: Amazonas

Notes: Harris and Davenport 1999, Santos et al. 2009

***Oxyethira presilla* Harris & Davenport, 1999**

Distribution: Amazonas

Notes: Harris and Davenport 1999, Santos et al. 2009

***Oxyethira santiagensis* Flint, 1982**

Distribution: Brazil

Notes: Flint Jr 1982b

***Oxyethira sinistra* Santos, Henriques-Oliveira & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos et al. 2009

***Oxyethira spirogyrae* Müller, 1879**

Distribution: Santa Catarina

Notes: Müller 1879b

***Oxyethira spissa* Kelley, 1983**

Distribution: Amazonas, Para

Notes: Kelley 1983

***Oxyethira tica* Holzenthal & Harris, 1992**

Distribution: Amazonas, Minas Gerais, Rio de Janeiro

Notes: Harris and Holzenthal 1992, Blahnik et al. 2004, Santos et al. 2009, Dumas and Nessimian 2012

***Oxyethira zilaba* (Mosely), 1939**

Distribution: Minas Gerais, Parana, Santa Catarina, Sao Paulo

Notes: Mosely 1939, Blahnik et al. 2004

Genus *Peltopsyche* Müller, 1879

Notes: Müller 1879b, Flint Jr 1971

***Peltopsyche maclachlani* Müller, 1879**

Distribution: Santa Catarina

Notes: Müller 1879b

***Peltopsyche sieboldii* Müller, 1879 sieboldi em Morse**

Distribution: Santa Catarina

Notes: Müller 1879b

Genus *Rhyacopsyche* Müller, 1879

Notes: Müller 1879b

***Rhyacopsyche angra* Santos, Jardim & Nessimian, 2011**

Distribution: Rio de Janeiro

Notes: Santos et al. 2009

***Rhyacopsyche bulbosa* Wasmund & Holzenthal, 2007**

Distribution: Minas Gerais, Rio de Janeiro

Notes: Wasmund and Holzenthal 2007

***Rhyacopsyche diacantha* Santos, Jardim & Nessimian, 2011**

Distribution: Para

Notes: Santos et al. 2011

***Rhyacopsyche dikrosa* Wasmund & Holzenthal, 2007**

Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Wasmund and Holzenthal 2007

***Rhyacopsyche hagenii* Müller, 1879**

Distribution: Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Müller 1879b, Wasmund and Holzenthal 2007, Dumas et al. 2009

Genus *Taraxitrichia* Flint & Harris, 1992***Taraxitrichia* sp.**

Distribution: Amazonas

Notes: Flint Jr and Harris 1992, Pes and Hamada 2003

Genus *Tricholeiochiton* Kloet & Hincks, 1944

Notes: Kloet and Hincks 1944

***Tricholeiochiton neotropicalis* Flint, 1992**

Distribution: Roraima

Notes: Flint Jr 1992

Genus *Zumatrichia* Mosely, 1937

Notes: Mosely 1937

***Zumatrichia* sp.**

Distribution: Amazonas

Notes: Mosely 1937, Pes and Hamada 2004

Leptoceridae

Genus *Achoropsyche* Holzenthal, 1984

Notes: Holzenthal 1984

Achoropsyche duodecimpunctata (Navás), 1916

Distribution: Amazonas, Espirito Santo, Minas Gerais, **Mato Grosso**, Para, Parana, Rio de Janeiro, **Rondonia**, Roraima, Santa Catarina, Sao Paulo

Notes: Navás 1916a, Almeida and Marinoni 2000, Blahnik et al. 2004, Dumas et al. 2009, Nogueira and Cabette 2011, Quinteiro et al. 2014

Genus *Amazonatolica* Holzenthal & Pes, 2004

Notes: Holzenthal and Pes 2004

Amazonatolica hamadae Holzenthal & Pes, 2004

Distribution: Amazonas, Bahia, Mato Grosso, Rondonia

Notes: Holzenthal and Pes 2004, Nogueira and Cabette 2011

Genus *Atanatolica* Mosely, 1936

Notes: Mosely 1936, Holzenthal 1988b

Atanatolica brasiliiana (Brauer), 1865

Distribution: Rio de Janeiro, **Sao Paulo**

Notes: Brauer 1865, Calor 2011

Atanatolica flinti Holzenthal, 1988

Distribution: Rio de Janeiro

Notes: Holzenthal 1988b

Genus *Grumichella* Müller, 1879

Notes: Müller 1879b, Holzenthal 1988b

***Grumichella aequiunguis* Flint, 1983**

Distribution: Minas Gerais, Parana, Santa Catarina

Notes: Flint Jr 1983a, Blahnik et al. 2004

***Grumichella rostrata* Thienemann, 1905**

Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo, Santa Catarina

Notes: Thienemann 1905, Holzenthal 1988b

Genus *Nectopsyche* Müller, 1879

Notes: Müller 1879b

***Nectopsyche adusta* Flint, 1983**

Distribution: Sao Paulo

Notes: Flint Jr 1983a, Calor 2011

***Nectopsyche aureovittata* Flint, 1983**

Distribution: Minas Gerais, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Flint Jr 1983a, Almeida and Marinoni 2000, Blahnik et al. 2004

***Nectopsyche acutiloba* Flint, 1974**

Distribution: Minas Gerais

Notes: Flint Jr 1974a, Blahnik et al. 2004

***Nectopsyche bella* (Müller), 1921**

Distribution: Santa Catarina

Notes: Müller 1921

***Nectopsyche bruchi* (Navás), 1920**

Distribution: Minas Gerais, Parana, Rio de Janeiro

Notes: Navás 1920, Dumas et al. 2009

***Nectopsyche brunneofascia* Flint, 1983**

Distribution: Sao Paulo, Santa Catarina

Notes: Flint Jr 1983a, Blahnik et al. 2004

***Nectopsyche diminuta* (Banks), 1920**

Distribution: Amazonas, Para, Roraima

Notes: Banks 1920, Flint Jr 1991

***Nectopsyche flavofasciata* (Ulmer), 1907**

Distribution: Minas Gerais, Santa Catarina

Notes: Ulmer 1907a, Blahnik et al. 2004

***Nectopsyche fuscomaculata* Flint, 1983**

Distribution: Minas Gerais, Pernambuco, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Flint Jr 1983a, Almeida and Marinoni 2000, Blahnik et al. 2004, Dumas and Nessimian 2012, Souza et al. 2013a

***Nectopsyche gemma* (Müller), 1880**

Distribution: Santa Catarina

Notes: Müller 1880

***Nectopsyche gemmoides* Flint, 1981**

Distribution: Sao Paulo

Notes: Flint Jr 1981, Calor 2011

***Nectopsyche jenseni* (Ulmer), 1905**

Distribution: Amazonas

Notes: Ulmer 1905b

***Nectopsyche modesta* Müller, 1921**

Distribution: Santa Catarina

Notes: Müller 1921

***Nectopsyche muelleri* (Ulmer), 1905**

Distribution: Santa Catarina

Notes: Ulmer 1905a

***Nectopsyche muhni* (Navás), 1916**

Distribution: Minas Gerais, **Rio de Janeiro, Roraima, Sao Paulo**

Notes: Navás 1916b, Flint Jr 1991, Blahnik et al. 2004, Dumas et al. 2009, Calor 2011

***Nectopsyche multilineata* Flint, 1983**

Distribution: **Roraima**

Notes: Flint Jr 1983a, Flint Jr 1991

***Nectopsyche navasi* Holzenthal, 1999**

Distribution: Santa Catarina

Notes: Flint Jr et al. 1999a

***Nectopsyche nigricapilla* (Navás), 1922**

Distribution: **MatoGrosso**

Notes: Nogueira and Cabette 2011

***Nectopsyche ortizi* Holzenthal, 1995**

Distribution: Minas Gerais, Para, Parana, Rio de Janeiro,

Notes: Holzenthal 1995, Almeida and Marinoni 2000, Blahnik et al. 2004

***Nectopsyche pantosticta* Flint, 1983**

Distribution: Rio de Janeiro, Rio Grande do Sul, **Sao Paulo**

Notes: Flint Jr 1983a, Blahnik et al. 2004, Calor 2011

***Nectopsyche punctata* (Ulmer), 1905**

Distribution: Minas Gerais, Para, **Rio de Janeiro**, **Roraima**, Sao Paulo

Notes: Ulmer 1905b, Flint Jr 1991, Blahnik et al. 2004, Dumas et al. 2009

***Nectopsyche quatourguttata* (Navás), 1922**

Distribution: **Mato Grosso**

Notes: Nogueira and Cabette 2011

***Nectopsyche separata* (Banks), 1920**

Distribution: Minas Gerais, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Banks 1920, Almeida and Marinoni 2000, Blahnik et al. 2004

***Nectopsyche splendida* (Navás), 1917**

Distribution: **Bahia**, Minas Gerais, **Piaui**, Parana, **Roraima**

Notes: Navás 1917, Flint Jr 1991, Almeida and Marinoni 2000, Blahnik et al. 2004, Quinteiro et al. 2014

Genus *Neoathripsodes* Holzenthal, 1989

Notes: Holzenthal 1989

***Neoathripsodes anomalus* Holzenthal, 1989**

Distribution: Minas Gerais, Rio de Janeiro, **Sao Paulo**

Notes: Holzenthal 1984, Calor 2011

Genus *Notalina* Mosely, 1936

Notes: Mosely 1936, Holzenthal 1988b

***Notalina* (*Neotalina*) *brasiliانا* Holzenthal, 1986**

Distribution: Minas Gerais

Notes: Holzenthal 1986

***Notalina (Neotalina) cipo* Holzenthal, 1986**

Distribution: Minas Gerais

Notes: Holzenthal 1986

***Notalina (Neotalina) froehlichii* Calor & Holzenthal, 2006**

Distribution: Minas Gerais

Notes: Calor et al. 2006

***Notalina (Neotalina) goianensis* Calor, 2008**

Distribution: Goias

Notes: Calor 2008b

***Notalina (Neotalina) hamiltoni* Holzenthal, 1986**

Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Holzenthal 1986, Dumas and Nessimian 2012

***Notalina (Neotalina) jordanensis* Henriques-Oliveira, Spies & Dumas, 2012**

Distribution: Minas Gerais, Sao Paulo

Notes: Henriques-Oliveira et al. 2012

***Notalina (Neotalina) morsei* Holzenthal, 1986**

Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Holzenthal 1986, Calor et al. 2006, Calor 2011

***Notalina (Neotalina) paulista* Calor & Holzenthal, 2006**

Distribution: Rio de Janeiro, Sao Paulo

Notes: Calor et al. 2006

Genus *Oecetis* McLachlan, 1877

Notes: McLachlan 1877

***Oecetis amazonica* (Banks), 1924**

Distribution: Amazonas

Notes: Banks 1924

***Oecetis angelae* Henriques-Oliveria, Dumas & Nessimian, 2014**

Distribution: Mato Grosso do Sul

Notes: Henriques-Oliveira et al. 2014

***Oecetis connata* Flint, 1974**

Distribution: Amazonas, Para

Notes: Flint Jr 1974a, Dumas et al. 2010, Quinteiro et al. 2014

***Oecetis danielae* Henriques-Oliveria, Dumas & Nessimian, 2014**

Distribution: Amazonas

Notes: Henriques-Oliveira et al. 2014

***Oecetis excisa* Ulmer, 1907**

Distribution: Bahia, Ceara, Pernambuco, Sao Paulo

Notes: Ulmer 1907a, Calor 2011, Souza et al. 2013a, Quinteiro et al. 2014

***Oecetis fibra* Chen & Morse, 2012**

Distribution: Sao Paulo

Notes: Quinteiro and Calor 2012

***Oecetis iara* Henriques-Oliveria, Dumas & Nessimian, 2014**

Distribution: Parana

Notes: Henriques-Oliveira et al. 2014

***Oecetis inconspicua* (Walker), 1852**

Distribution: Bahia, Minas Gerais, Paraiba, Parana, Piaui, Sao Paulo

Notes: Walker 1852, Blahnik et al. 2004, Calor 2011, Quinteiro et al. 2014

***Oecetis iguazu* Flint, 1983**

Distribution: Bahia, Espirito Santo, Minas Gerais, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Flint Jr 1983a, Blahnik et al. 2004, Quinteiro et al. 2014

***Oecetis paranensis* Flint, 1982**

Distribution: Bahia, Minas Gerais, Pernambuco

Notes: Flint Jr 1982a, Souza et al. 2013a, Quinteiro et al. 2014

***Oecetis punctipennis* (Ulmer), 1905**

Distribution: Bahia, Minas Gerais, Sao Paulo, Pernambuco, Roraima

Notes: Ulmer 1905b, Flint Jr 1991, Calor 2011, Souza et al. 2013a

***Oecetis rafaelli* Flint, 1991**

Distribution: Roraima

Notes: Flint Jr 1991

Genus *Setodes* Rambur, 1842

Notes: Rambur 1842

***Setodes* sp.**

Distribution: Goias

Notes: Barbosa et al. 2011

Genus *Triplectides* Kolenati, 1859

Notes: Kolenati 1859

***Triplectides egleri* Sattler, 1963**

Distribution: Amazonas, Para

Notes: Sattler 1963

***Triplectides gracilis* (Burmeister), 1839**

Distribution: **Bahia**, Espírito Santo, Minas Gerais, Rio de Janeiro, Parana, Santa Catarina, Sao Paulo

Notes: Burmeister 1839, Holzenthal 1988a, Almeida and Marinoni 2000, Quinteiro et al. 2014

***Triplectides itatiaia* Dumas & Nessimian, 2010**

Distribution: **Rio de Janeiro**

Notes: Dumas and Nessimian 2010a

***Triplectides misionensis* Holzenthal, 1988**

Distribution: **Minas Gerais**, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Holzenthal 1988a, Blahnik et al. 2004, Dumas et al. 2010

***Triplectides neotropicus* Holzenthal, 1988**

Distribution: Minas Gerais, **Rio de Janeiro**, **Sao Paulo**

Notes: Holzenthal 1988a, Blahnik et al. 2004, Dumas et al. 2009, Calor 2011

***Triplectides ultimus* Holzenthal, 1988**

Distribution: **Minas Gerais**, Rio de Janeiro

Notes: Holzenthal 1988a, Dumas et al. 2010

Limnephilidae**Genus *Antarctoecia* Ulmer, 1907**

Notes: Ulmer 1907b

***Antarctoecia brasiliensis* Huamantínco & Nessimian, 2003**

Distribution: Minas Gerais

Notes: Huamantínco and Nessimian 2003, Huamantínco and Nessimian 2004a

Odontoceridae

Genus *Anastomoneura* Huamantincó & Nessimian, 2004

Anastomoneura guahybae Huamantincó & Nessimian, 2004

Distribution: **Minas Gerais**

Notes: Huamantincó and Nessimian 2004b

Genus *Barypenthus* Burmeister, 1839

Notes: Burmeister 1839, Flint Jr 1969a, Paprocki and Holzenthal 2002

Barypenthus concolor Burmeister, 1839

Distribution: **Bahia**, Minas Gerais, Rio de Janeiro, São Paulo

Notes: Burmeister 1839, Paprocki and Holzenthal 2002, Quinteiro et al. 2014

Genus *Marilia* Müller, 1880

Notes: Müller 1880

Marilia aiuruoca Dumas & Nessimian, 2009

Distribution: **Minas Gerais**, Rio de Janeiro

Notes: Dumas and Nessimian 2009a

Marilia alata Flint, 1974

Distribution: **Amazonas**, Pernambuco

Notes: Flint Jr 1974a, Souza et al. 2013a

Marilia albicornis (Burmeister), 1839

Distribution: **São Paulo**

Notes: Burmeister 1839, Calor 2011

***Marilia elongata* Martynov, 1912**

Distribution: Minas Gerais

Notes: Martynov 1912, Blahnik et al. 2004

***Marilia fasciculata* Banks, 1913**

Distribution: Pernambuco, Rondonia

Notes: Banks 1913, Souza et al. 2013a

***Marilia flexuosa* Ulmer, 1905**

Distribution: Brazil

Notes: Ulmer 1905b

***Marilia guaira* Flint, 1983**

Distribution: Goiás, Roraima

Notes: Flint Jr 1983a, Flint Jr 1991

***Marilia huamantincocae* Dumas & Nessimian, 2009**

Distribution: Rio de Janeiro

Notes: Dumas and Nessimian 2009a

***Marilia infundibulum* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a

***Marilia lateralis* Flint, 1983**

Distribution: Mato Grosso do Sul

Notes: Flint Jr 1983a

***Marilia major* Müller, 1880**

Distribution: Minas Gerais, Parana, **Rio de Janeiro**, Santa Catarina

Notes: Müller 1880, Blahnik et al. 2004, Dumas and Nessimian 2009a

***Marilia minor* Müller, 1880**

Distribution: Minas Gerais, Rio de Janeiro, Santa Catarina

Notes: Müller 1880, Blahnik et al. 2004

***Marilia sioli* Marlier, 1964**

Distribution: Amazonas

Notes: Marlier 1964b

***Marilia truncata* Flint, 1983**

Distribution: Minas Gerais

Notes: Flint Jr 1983a, Blahnik et al. 2004

Philopotamidae**Genus *Alterosa* Blahnik, 2005**

Notes: Flint Jr 1971, Almeida and Duarte 2003, Blahnik 2005

***Alterosa affinis* Dumas & Nessimian, 2013**

Distribution: Espírito Santo, Minas Gerais

Notes: Dumas and Nessimian 2013

***Alterosa amadoi* Dumas, Calor & Nessimian, 2013**

Distribution: Bahia

Notes: Dumas et al. 2013

***Alterosa bandeira* Dumas & Nessimian, 2013**

Distribution: Espírito Santo, Minas Gerais

Notes: Dumas and Nessimian 2013

***Alterosa beckeri* Blahnik, 2005**

Distribution: Minas Gerais, Rio de Janeiro

Notes: Blahnik 2005, Dumas et al. 2010

***Alterosa bilanceolata* Dumas & Nessimian, 2013**

Distribution: Parana

Notes: Dumas and Nessimian 2013

***Alterosa bocainae* Blahnik, 2005**

Distribution: Sao Paulo

Notes: Blahnik 2005

***Alterosa boraceiae* Blahnik, 2005**

Distribution: Sao Paulo

Notes: Blahnik 2005

***Alterosa caissara* Dumas & Nessimian, 2013**

Distribution: Sao Paulo

Notes: Dumas and Nessimian 2013

***Alterosa caparaonensis* Blahnik, 2005**

Distribution: Espirito Santo, Minas Gerais

Notes: Blahnik 2005, Dumas and Nessimian 2013

***Alterosa capixaba* Dumas & Nessimian, 2013**

Distribution: Espirito Santo

Notes: Dumas and Nessimian 2013

***Alterosa castroalvesi* Dumas, Calor & Nessimian, 2013**

Distribution: Bahia

Notes: Dumas et al. 2013

***Alterosa catarinae* Dumas & Nessimian, 2013**

Distribution: Santa Catarina

Notes: Dumas and Nessimian 2013

***Alterosa caymmii* Dumas, Calor & Nessimian, 2013**

Distribution: Bahia

Notes: Dumas et al. 2013

***Alterosa escova* Blahnik, 2005**

Distribution: Rio de Janeiro, Sao Paulo

Notes: Blahnik 2005

***Alterosa falcata* Blahnik, 2005**

Distribution: Minas Gerais, Riode Janeiro, Sao Paulo

Notes: Blahnik 2005

***Alterosa fimbriata* Blahnik, 2005**

Distribution: Rio de Janeiro

Notes: Blahnik 2005

***Alterosa flinti* Blahnik, 2005**

Distribution: Espirito Santo, Minas Gerais, Rio de Janeiro

Notes: Blahnik 2005, Dumas and Nessimian 2013

***Alterosa fluminensis* Blahnik, 2005**

Distribution: Rio de Janeiro

Notes: Blahnik 2005

***Alterosa graciosa* Dumas & Nessimian, 2013**

Distribution: Parana

Notes: Dumas and Nessimian 2013

***Alterosa guapimirim* Blahnik, 2005**

Distribution: Rio de Janeiro

Notes: Blahnik 2005

***Alterosa holzenthali* Blahnik, 2005**

Distribution: Santa Catarina

Notes: Blahnik 2005

***Alterosa inappendiculata* Dumas & Nessimian, 2013**

Distribution: Parana

Notes: Dumas and Nessimian 2013

***Alterosa intervalles* Blahnik, 2005**

Distribution: Parana, Sao Paulo

Notes: Blahnik 2005, Dumas and Nessimian 2013

***Alterosa itatiaiae* Blahnik, 2005**

Distribution: Rio de Janeiro

Notes: Blahnik 2005

***Alterosa jordaensis* Blahnik, 2005**

Distribution: Sao Paulo

Notes: Blahnik 2005

***Alterosa marinonii* (Almeida & Duarte), 2003**

Distribution: Parana, Sao Paulo

Notes: Almeida and Duarte 2003, Blahnik 2005, Dumas and Nessimian 2013

***Alterosa morato* Dumas & Nessimian, 2013**

Distribution: Parana

Notes: Dumas and Nessimian 2013

***Alterosa nessimiani* Jardim & Dumas, 2012**

Distribution: Rio de Janeiro

Notes: Jardim and Dumas 2012

***Alterosa orgaosensis* Blahnik, 2005**

Distribution: Rio de Janeiro

Notes: Blahnik 2005

***Alterosa paprockii* Blahnik, 2005**

Distribution: Minas Gerais

Notes: Blahnik 2005

***Alterosa paranaensis* Dumas & Nessimian, 2013**

Distribution: Parana

Notes: Dumas and Nessimian 2013

***Alterosa ruschii* Dumas & Nessimian, 2013**

Distribution: Espirito Santo

Notes: Dumas and Nessimian 2013

***Alterosa sanctaeteresae* Blahnik, 2005**

Distribution: Espirito Santo

Notes: Blahnik 2005

***Alterosa sanctipauli* (Flint), 1971**

Distribution: Sao Paulo

Notes: Flint Jr 1971, Blahnik 2005

***Alterosa schadrackorum* Blahnik, 2005**

Distribution: Santa Catarina

Notes: Blahnik 2005

***Alterosa spiesae* Dumas & Nessimian, 2013**

Distribution: Sao Paulo

Notes: Dumas and Nessimian 2013

***Alterosa tripuiensis* Blahnik, 2005**

Distribution: Minas Gerais

Notes: Blahnik 2005

***Alterosa truncata* Blahnik, 2005**

Distribution: Espirito Santo, Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Blahnik 2005, Dumas and Nessimian 2012, Barcelos-Silva et al. 2012

Genus *Chimarra* Stephens, 1829

Notes: Stephens 1829, Flint Jr 1998, Blahnik 1998

***Chimarra (Chimarra) adamsae* Blahnik, 1998**

Distribution: Minas Gerais, Para, Parana, Sao Paulo

Notes: Blahnik 1998, Blahnik et al. 2004

***Chimarra (Chimarra) calori* Blahnik & Holzenthal, 2012**

Distribution: Minas Gerais, Sao Paulo

Notes: Blahnik and Holzenthal 2012

***Chimarra (Chimarra) uara* Flint, 1971**

Distribution: Amazonas, Distrito Federal, Minas Gerais, Para, Pernambuco, Rondonia, Santa Catarina

Notes: Flint Jr 1971, Blahnik et al. 2004, Dumas et al. 2010, Souza et al. 2013a

***Chimarra (Chimarrita) akantha* Blahnik, 1997**

Distribution: Amazonas

Notes: Blahnik 1997

***Chimarra (Chimarrita) camella* Blahnik, 1997**

Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Blahnik 1997, Blahnik et al. 2004

***Chimarra (Chimarrita) camura* Blahnik, 1997**

Distribution: Rio de Janeiro, Sao Paulo

Notes: Blahnik 1997, Blahnik et al. 2004

***Chimarra (Chimarrita) chela* Blahnik, 1997**

Distribution: Amazonas

Notes: Blahnik 1997, Santos and Nessimian 2009d

***Chimarra (Chimarrita) curvipenis* Blahnik & Holzenthal, 2012**

Distribution: Minas Gerais

Notes: Blahnik and Holzenthal 2012

***Chimarra (Chimarrita) heligma* Blahnik, 1997**

Distribution: Minas Gerais

Notes: Blahnik 1997

***Chimarra (Chimarrita) kontilos* Blahnik, 1997**

Distribution: Espirito Santo, Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Blahnik 1997, Blahnik et al. 2004

***Chimarra (Chimarrita) latiforceps* Blahnik & Holzenthal, 2012**

Distribution: Minas Gerais, Sao Paulo

Notes: Blahnik and Holzenthal 2008

***Chimarra (Chimarrita) majuscula* Blahnik, 1997**

Distribution: Rio de Janeiro, Sao Paulo

Notes: Blahnik 1997, Blahnik et al. 2004

***Chimarra (Chimarrita) simpliciforma* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Chimarra (Chimarrita) tortuosa* Blahnik, 1997**

Distribution: Amazonas

Notes: Blahnik 1997

***Chimarra (Chimarrita) xingu* Blahnik, 1997**

Distribution: Para

Notes: Blahnik 1997

***Chimarra (Curgia) aurivittata* Flint, 1971**

Distribution: Amazonas, Rondonia

Notes: Flint Jr 1971, Flint Jr 1998

***Chimarra (Curgia) beckeri* Flint, 1998**

Distribution: Espirito Santo, Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Flint Jr 1998, Dumas et al. 2010, Barcelos-Silva et al. 2012

***Chimarra (Curgia) boraceia* Flint, 1998**

Distribution: Sao Paulo

Notes: Flint Jr 1998

***Chimarra (Curgia) brasiliiana* (Ulmer), 1905**

Distribution: Parana, Santa Catarina

Notes: Ulmer 1905a, Almeida and Marinoni 2001

***Chimarra (Curgia) burmeisteri* Flint, 1998**

Distribution: Rio de Janeiro

Notes: Flint Jr 1998

***Chimarra (Curgia) camposae* Flint, 1998**

Distribution: Minas Gerais

Notes: Flint Jr 1998

***Chimarra (Curgia) centrispina* Flint, 1998**

Distribution: Minas Gerais

Notes: Flint Jr 1998

***Chimarra (Curgia) cipoensis* Flint, 1998**

Distribution: Minas Gerais

Notes: Flint Jr 1998

***Chimarra (Curgia) conica* Flint, 1983**

Distribution: **Espirito Santo**, Ceara, Goias, Minas Gerais, Mato Grosso, Rio de Janeiro, Rondonia, Santa Catarina

Notes: Flint Jr 1983a, Flint Jr 1998, Blahnik et al. 2004, Barcelos-Silva et al. 2012

***Chimarra (Curgia) cultellata* Flint, 1983**

Distribution: Distrito Federal, Minas Gerais, **Para**, **Rio de Janeiro**, Rondonia, Santa Catarina

Notes: Flint Jr 1983a, Flint Jr 1998, Dumas et al. 2009, Dumas et al. 2010

***Chimarra (Curgia) donamariae* Denning & Sykora, 1968**

Distribution: Para

Notes: Denning and Sykora 1968

***Chimarra (Curgia) fittkaui* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Chimarra (Curgia) froehlichii* Flint, 1998**

Distribution: Espirito Santo, Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Flint Jr 1998, Blahník et al. 2004

***Chimarra (Curgia) hyoeides* Flint, 1983**

Distribution: **Espirito Santo**, Para, **Pernambuco**, Santa Catarina, Sao Paulo

Notes: Flint Jr 1983a, Flint Jr 1998, Barcelos-Silva et al. 2012, Souza et al. 2013a

***Chimarra (Curgia) jugescens* Flint, 1998**

Distribution: Amazonas

Notes: Flint Jr 1998, Santos and Nessimian 2009d

***Chimarra (Curgia) medioloba* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Chimarra (Curgia) morio* Burmeister, 1839**

Distribution: Bahia, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Burmeister 1839, Flint Jr 1998

***Chimarra (Curgia) parana* Flint, 1972**

Distribution: **Espirito Santo**, Distrito Federal, Goias, Minas Gerais, **Pernambuco**, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Flint Jr 1972, Flint Jr 1998, Barcelos-Silva et al. 2012, Souza et al. 2013a

***Chimarra (Curgia) paucispina* Santos & Nessimian, 2009**

Distribution: Amazonas

Notes: Santos and Nessimian 2009d

***Chimarra (Curgia) petersorum* Flint, 1998**

Distribution: Parana

Notes: Flint Jr 1998

***Chimarra (Curgia) petricola* Flint, 1998**

Distribution: **Espirito Santo**, Rio de Janeiro

Notes: Flint Jr 1998, Barcelos-Silva et al. 2012

***Chimarra (Curgia) plaumanni* Flint, 1983**

Distribution: **Espirito Santo**, Santa Catarina

Notes: Flint Jr 1983a, Barcelos-Silva et al. 2012

***Chimarra (Curgia) quaternaria* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Chimarra (Curgia) scopuloides* Flint, 1974**

Distribution: Goias, Para, Rondonia, Roraima, Santa Catarina

Notes: Flint Jr 1974a, Flint Jr 1998

***Chimarra (Curgia) teresae* Flint, 1998**

Distribution: **Espirito Santo**, Minas Gerais, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Flint Jr 1998, Blahnik et al. 2004, Dumas et al. 2009, Barcelos-Silva et al. 2012

***Chimarra (Curgia) tucuna* Flint, 1998**

Distribution: Amazonas

Notes: Flint Jr 1998

***Chimarra (Curgia) ypsilon* Flint, 1983**

Distribution: Parana, Rio de Janeiro, Santa Catarina

Notes: Flint Jr 1983a, Almeida and Marinoni 2001

***Chimarra (Otarrha) diaksis* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Chimarra (Otarrha) odonta* Blahnik, 2002**

Distribution: Espirito Santo, Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Blahnik 2002, Dumas et al. 2010, Barcelos-Silva et al. 2012

***Chimarra (undetermined) usitatissima* Flint, 1971**

Distribution: Amazonas, Minas Gerais, Para, Rondonia

Notes: Flint Jr 1971, Flint Jr 1974a, Blahnik 1997

Genus *Dolophilodes* Ulmer, 1909

Notes: Ulmer 1909

***Dolophilodes* sp.**

Distribution: Goias

Notes: Martins-Silva et al. 2008

Genus *Wormaldia* McLachlan, 1865***Wormaldia planae* Ross & King, 1956**

Distribution: Brazil

Notes: Ross 1956a, Flint Jr et al. 1999b

Polycentropodidae

Genus *Cernotina* Ross, 1938

Notes: Ross 1938, Flint Jr 1971

***Cernotina abbreviata* Flint, 1971**

Distribution: Para

Notes: Flint Jr 1971

***Cernotina acalyptera* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina anhanguera* Camargos, Barcelos-Silva & Pes, 2013**

Distribution: Goias

Notes: Barcelos-Silva et al. 2013

***Cernotina antonina* Holzenthal & Almeida, 2003**

Distribution: **Espirito Santo**, Minas Gerais, **Pernambuco**, Parana

Notes: Holzenthal and Almeida 2003, Barcelos-Silva et al. 2013, Souza et al. 2013a

***Cernotina aruma* Santos & Nessimian, 2008**

Distribution: Amazonas

Notes: Santos and Nessimian 2008

***Cernotina attenuata* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina bibrachiata* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina bispicata* Camargos, Barcelos-Silva & Pes, 2013**

Distribution: Goiás

Notes: Barcelos-Silva et al. 2013

***Cernotina cacha* Flint, 1971**

Distribution: Amazonas, Minas Gerais

Notes: Flint Jr 1971, Blahnik et al. 2004

***Cernotina cingulata* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina compressa* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina cygnea* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina cystophora* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina declinata* Flint, 1971**

Distribution: Para

Notes: Flint Jr 1971

***Cernotina decumbens* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina ecotura* Sykora, 1998**

Distribution: Roraima

Notes: Sykora 1998

***Cernotina encrypta* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina falcata* Camargos, Barcelos-Silva & Pes, 2013**

Distribution: Goias

Notes: Barcelos-Silva et al. 2013

***Cernotina filiformis* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina flexuosa* Santos & Nessimian, 2008**

Distribution: Amazonas

Notes: Santos and Nessimian 2008

***Cernotina lanceolata* Barcelos-Silva, Camargos & Pes, 2013**

Distribution: Espirito Santo

Notes: Barcelos-Silva et al. 2012, Barcelos-Silva et al. 2013

***Cernotina lazzarii* Holzenthal & Almeida, 2003**

Distribution: Parana

Notes: Holzenthal and Almeida 2003

***Cernotina lobisomem* Santos & Nessimian, 2008**

Distribution: Amazonas

Notes: Santos and Nessimian 2008

***Cernotina longispina* Barcelos-Silva, Camargos & Pes, 2013**

Distribution: Espirito Santo

Notes: Barcelos-Silva et al. 2012, Barcelos-Silva et al. 2013

***Cernotina obliqua* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina odonta* Santos & Nessimian, 2008**

Distribution: Amazonas

Notes: Santos and Nessimian 2008

***Cernotina perpendicularis* Flint, 1971**

Distribution: Amazonas, Minas Gerais, Para

Notes: Flint Jr 1971, Blahnik et al. 2004

***Cernotina pesae* Santos & Nessimian, 2008**

Distribution: Amazonas

Notes: Santos and Nessimian 2008

***Cernotina puri* Dumas & Nessimian, 2011**

Distribution: Rio de Janeiro

Notes: Dumas and Nessimian 2011

***Cernotina sexspinosa* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a

***Cernotina sinuosa* Barcelos-Silva, Camargos & Pes, 2013**

Distribution: Espírito Santo

Notes: Barcelos-Silva et al. 2012, Barcelos-Silva et al. 2013

***Cernotina spinigera* Flint, 1971**

Distribution: Goiás, Para, Roraima

Notes: Flint Jr 1971, Barcelos-Silva et al. 2013

***Cernotina spinosior* Flint, 1991**

Distribution: Roraima

Notes: Flint Jr 1991

***Cernotina subapicalis* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina trispina* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina uara* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina unguiculata* Flint, 1971**

Distribution: Para

Notes: Flint Jr 1971

***Cernotina verticalis* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

Genus *Cyrnellus* Banks, 1913

Notes: Banks 1913, Flint Jr 1971

***Cyrnellus arotron* Flint, 1971**

Distribution: Amazonas, **Mato Grosso do Sul**, Para

Notes: Flint Jr 1971, Dumas et al. 2010

***Cyrnellus bifidus* Flint, 1971**

Distribution: Amazonas, **Mato Grosso do Sul**

Notes: Flint Jr 1971, Dumas et al. 2010

***Cyrnellus collaris* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971

***Cyrnellus fraternus* (Banks), 1905**

Distribution: Amazonas, **Bahia**, **Espirito Santo**, Minas Gerais, **Mato Grosso**, **Mato Grosso do Sul**, Para, Parana, **Rio de Janeiro**, Santa Catarina

Notes: Banks 1905, Blahnik et al. 2004, Dumas et al. 2009, Dumas et al. 2010, Nogueira and Cabette 2011

***Cyrnellus mammillatus* Flint, 1971**

Distribution: Amazonas, Minas Gerais, **Mato Grosso do Sul**, Para, **Pernambuco**, Parana, Rio de Janeiro, Sao Paulo

Notes: Flint Jr 1971, Blahnik et al. 2004, Dumas et al. 2010, Souza et al. 2013a

***Cyrnellus risi* (Ulmer), 1907**

Distribution: Amazonas, **Espirito Santo**, Minas Gerais, Para

Notes: Ulmer 1907a, Blahnik et al. 2004, Barcelos-Silva et al. 2012

***Cynellus ulmeri* Flint, 1971**

Distribution: Amazonas, Para

Notes: Flint Jr 1971

Genus *Nyctiophylax* Brauer, 1865

Notes: Brauer 1865, Neboiss 1993

***Nyctiophylax neotropicalis* Flint, 1971**

Distribution: Amazonas, **Espirito Santo**, Minas Gerais, **Para**, **Pernambuco**, Parana, Rio de Janeiro

Notes: Flint Jr 1971, Blahnik et al. 2004, Dumas et al. 2010, Barcelos-Silva et al. 2012, Souza et al. 2013a

Genus *Polycentropus* Curtis, 1835***Polycentropus acinaciformis* Hamilton & Holzenthal, 2011**

Distribution: **Minas Gerais**

Notes: Hamilton and Holzenthal 2011

***Polycentropus amphirhamphus* Hamilton & Holzenthal, 2011**

Distribution: **Riode Janeiro, Santa Catarina, Sao Paulo**

Notes: Hamilton and Holzenthal 2011

***Polycentropus ancistrus* Hamilton & Holzenthal, 2011**

Distribution: **Sao Paulo**

Notes: Hamilton and Holzenthal 2011

***Polycentropus boraceia* Hamilton & Holzenthal, 2011**

Distribution: **Sao Paulo**

Notes: Hamilton and Holzenthal 2011

***Polycentropus caaete* Hamilton & Holzenthal, 2011**

Distribution: Parana, Santa Catarina, Sao Paulo

Notes: Hamilton and Holzenthal 2011

***Polycentropus cachoeira* Hamilton & Holzenthal, 2011**

Distribution: Santa Catarina

Notes: Hamilton and Holzenthal 2011

***Polycentropus carioca* Hamilton & Holzenthal, 2011**

Distribution: Rio de Janeiro

Notes: Hamilton and Holzenthal 2011

***Polycentropus carolae* Hamilton & Holzenthal, 2011**

Distribution: Rio de Janeiro

Notes: Hamilton and Holzenthal 2011

***Polycentropus cipoensis* Hamilton & Holzenthal, 2011**

Distribution: Minas Gerais, Sao Paulo

Notes: Hamilton and Holzenthal 2011

***Polycentropus cheliceratus* Hamilton & Holzenthal, 2011**

Distribution: Rio de Janeiro

Notes: Hamilton and Holzenthal 2011

***Polycentropus fluminensis* Hamilton & Holzenthal, 2011**

Distribution: Espirito Santo, Minas Gerais, Rio de Janeiro

Notes: Hamilton and Holzenthal 2011, Barcelos-Silva et al. 2012

***Polycentropus froehlichii* Hamilton & Holzenthal, 2011**

Distribution: Santa Catarina

Notes: Hamilton and Holzenthal 2011

***Polycentropus galharada* Hamilton & Holzenthal, 2011**

Distribution: Sao Paulo

Notes: Hamilton and Holzenthal 2011

***Polycentropus graciosa* Hamilton & Holzenthal, 2011**

Distribution: Parana

Notes: Hamilton and Holzenthal 2011

***Polycentropus inusitatus* Hamilton & Holzenthal, 2011**

Distribution: Minas Gerais, Rio de Janeiro

Notes: Hamilton and Holzenthal 2011, Dumas and Nessimian 2012

***Polycentropus itatiaia* Hamilton & Holzenthal, 2011**

Distribution: Minas Gerais, Rio de Janeiro

Notes: Hamilton and Holzenthal 2011

***Polycentropus minero* Hamilton & Holzenthal, 2011**

Distribution: Minas Gerais

Notes: Hamilton and Holzenthal 2011

***Polycentropus paprockii* Hamilton & Holzenthal, 2011**

Distribution: Minas Gerais

Notes: Hamilton and Holzenthal 2011

***Polycentropus rosalyssae* Hamilton & Holzenthal, 2011**

Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Hamilton and Holzenthal 2011, Dumas and Nessimian 2012

***Polycentropus santateresae* Hamilton & Holzenthal, 2011**

Distribution: Espírito Santo, Minas Gerais

Notes: Hamilton and Holzenthal 2011

***Polycentropus soniae* Hamilton & Holzenthal, 2011**

Distribution: Parana

Notes: Hamilton and Holzenthal 2011

***Polycentropus tripui* Hamilton & Holzenthal, 2011**

Distribution: Minas Gerais

Notes: Hamilton and Holzenthal 2011

***Polycentropus urubici* Holzenthal & Almeida, 2003**

Distribution: Minas Gerais, Parana, Santa Catarina

Notes: Holzenthal and Almeida 2003, Dumas et al. 2010

***Polycentropus verruculus* Hamilton & Holzenthal, 2011**

Distribution: Minas Gerais, Sao Paulo

Notes: Hamilton and Holzenthal 2011

***Polycentropus virginiae* Hamilton & Holzenthal, 2011**

Distribution: Minas Gerais

Notes: Hamilton and Holzenthal 2011

Genus *Polyplectropus* Ulmer, 1905

Notes: Ulmer 1905a, Flint Jr 1968, Bueno-Soria 1990, Chamorro and Holzenthal 2010

***Polyplectropus alatespinus* Chamorro & Holzenthal, 2010**

Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Chamorro and Holzenthal 2010

***Polyplectropus alleni* (Yamamoto), 1967**

Distribution: Minas Gerais

Notes: Yamamoto 1967, Blahnik et al. 2004, Chamorro and Holzenthal 2010

***Polyplectropus annulicornis* Ulmer, 1905**

Distribution: Parana, Rio de Janeiro, Rio Grande do Sul, Santa Catarina

Notes: Ulmer 1905b, Chamorro and Holzenthal 2010, Dumas and Nessimian 2012

***Polyplectropus banksianus* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971, Chamorro and Holzenthal 2010

***Polyplectropus brachyscolus* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971, Chamorro and Holzenthal 2010

***Polyplectropus brasiliensis* Chamorro & Holzenthal, 2010**

Distribution: Rio de Janeiro, Sao Paulo

Notes: Chamorro and Holzenthal 2010

***Polyplectropus dubitatus* Flint, 1983**

Distribution: Minas Gerais, Parana, Santa Catarina

Notes: Flint Jr 1983a, Chamorro and Holzenthal 2010

***Polyplectropus elongatus* (Yamamoto), 1966**

Distribution: Minas Gerais

Notes: Yamamoto 1966, Chamorro and Holzenthal 2010

***Polyplectropus flavicornis* Ulmer, 1905**

Distribution: Minas Gerais, Santa Catarina

Notes: Ulmer 1905a, Chamorro and Holzenthal 2010

***Polyplectropus fuscatus* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a, Chamorro and Holzenthal 2010

***Polyplectropus gaesum* Chamorro & Holzenthal, 2010**

Distribution: Minas Gerais

Notes: Chamorro and Holzenthal 2010

***Polyplectropus hollyae* Chamorro & Holzenthal, 2010**

Distribution: Minas Gerais

Notes: Chamorro and Holzenthal 2010

***Polyplectropus hystricosus* Chamorro & Holzenthal, 2010**

Distribution: Minas Gerais, Rio de Janeiro

Notes: Chamorro and Holzenthal 2010, Dumas and Nessimian 2012

***Polyplectropus inarmatus* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971, Chamorro and Holzenthal 2010

***Polyplectropus juliae* Chamorro & Holzenthal, 2010**

Distribution: Minas Gerais

Notes: Chamorro and Holzenthal 2010

***Polyplectropus matatlanticus* Chamorro & Holzenthal, 2010**

Distribution: Minas Gerais, Sao Paulo

Notes: Chamorro and Holzenthal 2010

***Polyplectropus minensium* Chamorro & Holzenthal, 2010**

Distribution: Minas Gerais

Notes: Chamorro and Holzenthal 2010

***Polyplectropus novafriburgensis* Chamorro & Holzenthal, 2010**

Distribution: Rio de Janeiro

Notes: Chamorro and Holzenthal 2010

***Polyplectropus petrae* Chamorro & Holzenthal, 2010**

Distribution: Minas Gerais

Notes: Chamorro and Holzenthal 2010

***Polyplectropus pratherae* Chamorro & Holzenthal, 2010**

Distribution: Minas Gerais

Notes: Chamorro and Holzenthal 2010

***Polyplectropus rodmani* Chamorro & Holzenthal, 2010**

Distribution: Sao Paulo

Notes: Chamorro and Holzenthal 2010

***Polyplectropus rondoniensis* Chamorro & Holzenthal, 2010**

Distribution: Rondonia

Notes: Chamorro and Holzenthal 2010

***Polyplectropus profaupar* Holzenthal & Almeida, 2003**

Distribution: Minas Gerais, Parana, Rio de Janeiro, Santa Catarina

Notes: Holzenthal and Almeida 2003, Dumas et al. 2009, Chamorro and Holzenthal 2010, Dumas et al. 2010

***Polyplectropus spiculifer* Flint, 1971**

Distribution: Amazonas

Notes: Flint Jr 1971, Chamorro and Holzenthal 2010

***Polyplectropus tragularius* Chamorro & Holzenthal, 2010**

Distribution: **Espirito Santo, Minas Gerais, Sao Paulo**

Notes: Chamorro and Holzenthal 2010

***Polyplectropus ulmeriana* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a, Chamorro and Holzenthal 2010

Sericostomatidae

Genus *Grumicha* Müller, 1879

Notes: Müller 1879a, Flint Jr et al. 1999a

***Grumicha grumicha* (Vallot), 1855**

Distribution: Santa Catarina, Sao Paulo

Notes: Vallot 1855, Blahnik et al. 2004

Genus *Notidobiella* Schmid, 1955

Notes: Schmid 1955

***Notidobiella amazoniana* Holzenthal & Blahnik, 2010**

Distribution: **Amazonas**

Notes: Holzenthal and Blahnik 2010

***Notidobiella brasiliiana* Holzenthal & Blahnik, 2010**

Distribution: **Sao Paulo**

Notes: Holzenthal and Blahnik 2010

Xiphocentronidae

Genus *Machairocentron* Schmid, 1982

Notes: Schmid 1982

***Machairocentron falciforme* Pes & Hamada, 2013**

Distribution: Amazonas

Notes: Pes et al. 2013

***Machairocentron* sp.**

Distribution: Amazonas

Notes: Schmid 1982, Pes et al. 2005

Genus *Xiphocentron* Brauer, 1870

Notes: Brauer 1870, Schmid 1982

***Xiphocentron (Antillotrichia) ilionea* Schmid, 1982**

Distribution: Rio de Janeiro, Sao Paulo

Notes: Schmid 1982, Dumas et al. 2009

***Xiphocentron (Antillotrichia) sclerothrix* Pes & Hamada, 2013**

Distribution: Amazonas, Amapa

Notes: Pes et al. 2013

***Xiphocentron (Antillotrichia) steffeni* (Marlier), 1964**

Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo

Notes: Marlier 1964a, Dumas et al. 2010

***Xiphocentron (undetermined) saltuum* Müller, 1921**

Distribution: Brazil

Notes: Müller 1921

Discussion

The number of Trichoptera species recorded from Brazil until September, 2014 is 625. This number represents a 65.34% increase in species records since 2004. Ninety percent of the new records were also new species to science. The number of new records since the first Brazilian Checklist is 252, including 223 new species and 29 new country records. The Hydropsychidae rank first in species richness totaling 124 species, followed by Hydroptilidae with 102 species and Polycentropodidae with 97 species. Despite of their ubiquity, caddisflies remain unrecorded in 4 Brazilian states (AL, MA, RN, TO). There is a clear relation between the concentration of universities and researchers and the number of species recorded for a region. Southeastern Brazil, home of the most and the largest universities in Brazil, ranks first with 330 species recorded followed by the Northern region (211 species) and Southern region (165 species). The regions with the greatest lack of knowledge, and which should be considered priorities for Trichoptera inventories, are the Northeast with 74 species and Midwest with 58 species (Fig. 1).

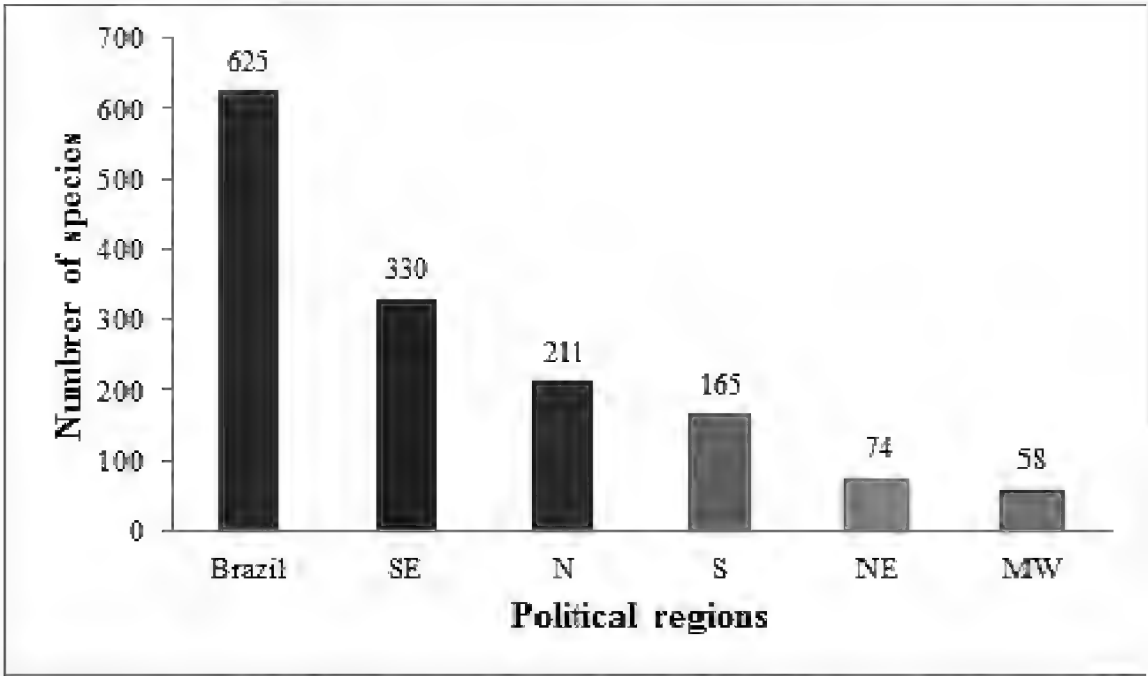


Figure 1.
Number of species by political regions. SE (Southeast), N (North), S (South), NE (Northeast), MW (Midwest). Chart based on data in Suppl. material 1.

The number of regional inventories published since the first Brazilian Trichoptera Checklist is 10 (Blahnik et al. 2004, Ribeiro et al. 2009, Dumas et al. 2009, Nogueira and Cabette 2011, Calor 2011, Dumas and Nessimian 2012, Barcelos-Silva et al. 2012, Souza et al. 2013a, Costa et al. 2014, Quinteiro et al. 2014). It is important to increase the number of regional surveys and publication of regional checklists. The benefits of regional surveys associated with georeferenced data made available online are one of the most important advancements to comprehensive biodiversity data studies (Chavan and Penev 2011). Primary data on Trichoptera biodiversity should be made freely available through initiatives like the Global Biodiversity Information System (<http://www.gbif.org/>). Brazil has undertaken a major initiative of making scientific collections biodiversity information available online

through the *Centro de Referências em Informação Ambiental* – CRIA (www.cria.org.br). The numbers acquired by CRIA (August 2014) are impressive and include data from 358 scientific collections, 5,385,443 georeferenced distribution records, and 447,657 species names. The number of Trichoptera records retrieved from CRIA was 6,404. The linkage between scientific journals and such databases should be greatly improved to achieve open access to biodiversity data.

Over six hundred species of Trichoptera have been described for Brazil since the first species was recorded in 1833 (*Macrostemum maculatum* (Perty) 1833. An average of 2.21 species/year were described between 1833 and the publications of the first comprehensive checklist (Paprocki et al. 2004). Since 2004 the rate of species description has increased dramatically, with an average of 20.2 species/year (Fig. 2).

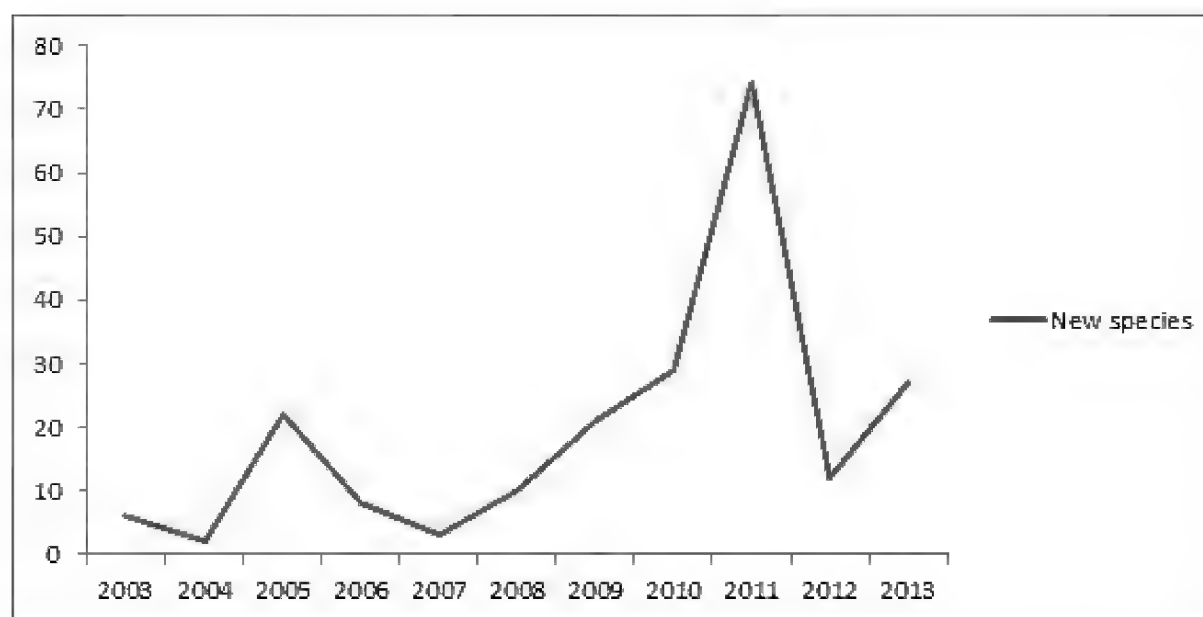


Figure 2.

Number of described species per year since 2003 for Brazil. Chart based on data in Suppl. material 2.

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Supplementary materials

Suppl. material 1: Figure 1 source

Authors: Paprocki, H., França, D.

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